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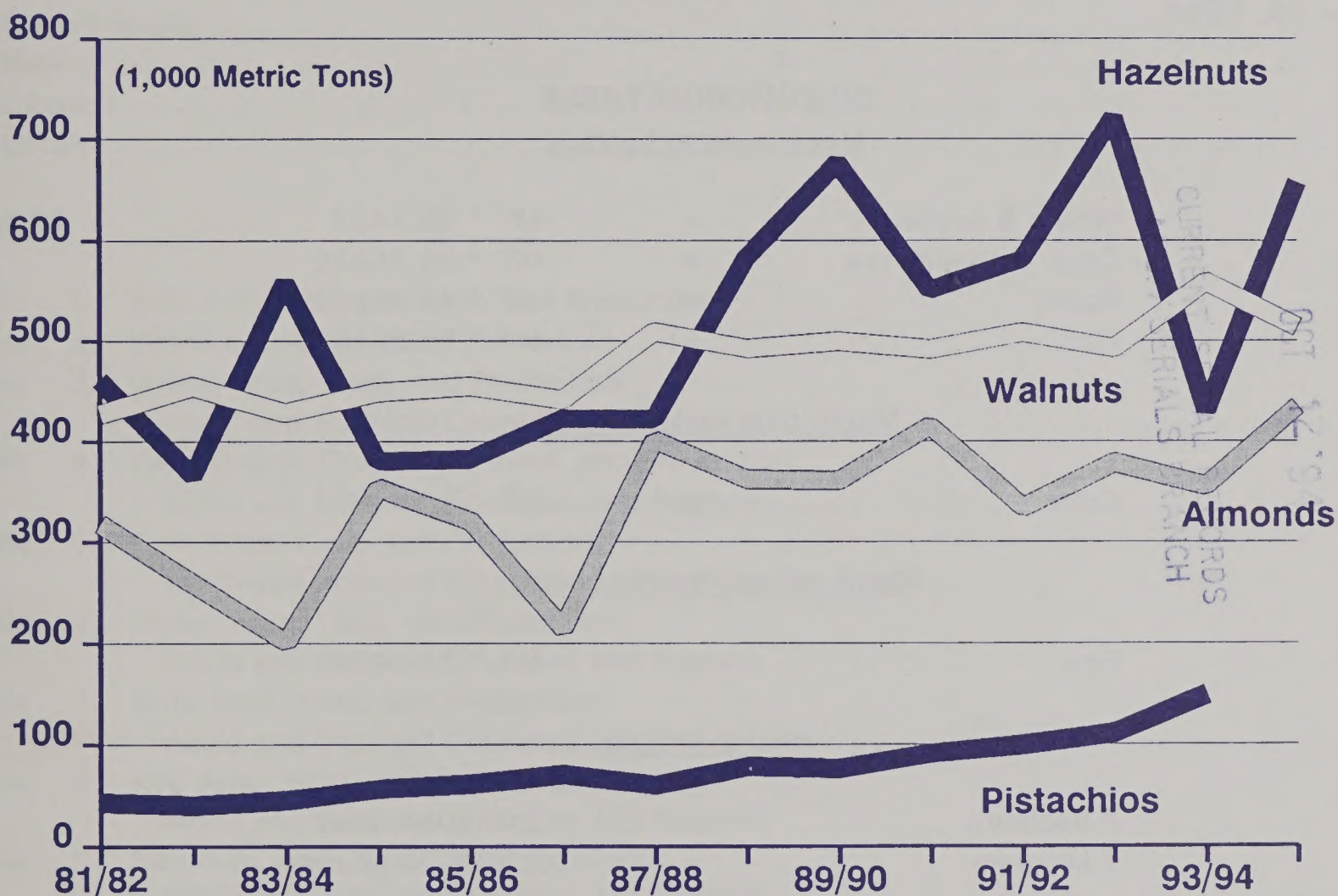
United States
Department of
Agriculture

Foreign
Agricultural
Service

Circular Series
WAP 9-94
September 1994

World Agricultural Production

Tree Nut Production In Selected Countries 1/



1/ Almonds = Shelled Basis; Filberts, Hazelnuts, Walnuts = Inshell Basis

Production Articles This Month...

Tree Nuts In Selected Countries

EU Grains

Honey In Selected Countries

Brazilian Agricultural Program

This report draws on information from USDA's global network of agricultural attaches and counselors, official statistics of foreign governments, other foreign source materials, and results of office analysis. Estimates of U.S. acreage, yield, and production are from the USDA's Agricultural Statistics Board, except where noted. This report is based on unrounded data; numbers may not add to totals because of rounding. This report reflects official USDA estimates released in the World Agricultural Supply and Demand Estimates (WASDE-294), September 12, 1994.

This report was prepared by the Production Estimates and Crop Assessment Division (PECAD), FAS/USDA, AgBox 1045, Washington, D.C. 20250-1045. Further information may be obtained by writing to the division, by calling (202) 720-0888, or by FAX (202) 720-8880.

The next issue of World Agricultural Production will be released after 3 p.m. Eastern time on October 13, 1994.

CONVERSION TABLE

Metric tons to bushels

| | | |
|--------------------|---|----------------|
| Wheat & soybeans | = | MT * 36.7437 |
| Corn, sorghum, rye | = | MT * 39.36825 |
| Barley | = | MT * 45.929625 |
| Oats | = | MT * 68.894438 |

Metric tons to 480-lb bales

| | | |
|--------|---|---------------|
| Cotton | = | MT * 4.592917 |
|--------|---|---------------|

Metric tons to hundredweight

| | | |
|------|---|---------------|
| Rice | = | MT * 22.04622 |
|------|---|---------------|

Area & Weight

| | | |
|------------|---|-----------------|
| 1 hectare | = | 2.471044 acres |
| 1 kilogram | = | 2.204622 pounds |

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PRODUCTION HIGHLIGHTS FOR 1994/95

September 1994

WHEAT

| <u>Country</u> | <u>Current Estimate</u> MMT | <u>1994/95 Monthly Change</u> MMT | <u>1994/95 Monthly Change</u> (%) | <u>Change From 1993/94</u> (%) | <u>Comments</u> |
|----------------|--------------------------------|--------------------------------------|--------------------------------------|-----------------------------------|--|
| World | 535.5 | -6.5 | -1 | -4 | The 1994/95 crops are forecast lower due primarily to a smaller prospective crops for the United States and a decline in total foreign output. |
| United States | 64.3 | -0.7 | -1 | -2 | Production is estimated lower as initial harvest results indicate lower yield. |
| Total Foreign | 471.2 | -5.8 | -1 | -5 | Production is estimated lower primarily due to reductions in Ukraine, Australia, EU, and Eastern Europe. |
| Ukraine | 13.3 | -3.0 | -18 | -39 | Production is estimated lower due to reduced area. |
| Australia | 11.0 | -1.5 | -12 | -39 | Production is estimated lower due to continued dryness in New South Wales and Queensland which has reduced yield potential. |
| EU | 81.9 | -0.5 | -1 | +2 | Production is estimated lower due to a reduction in the yield estimate for France. |
| Eastern Europe | 34.3 | -0.5 | -1 | +12 | Production is estimated lower in Bulgaria and Hungary as harvest results indicate reduced yield. |
| Canada | 23.7 | -0.3 | -1 | -15 | Production is estimated lowered as Statistics Canada reported lower yield. |
| Baltic States | 1.2 | -0.2 | -16 | -9 | Production is lowered as initial harvest results indicate reduced yield for all three States. |
| Morocco | 5.3 | +0.4 | +8 | +249 | Production is estimated higher due to an upward revision in the May-harvested crop. |
| Algeria | 1.1 | +0.2 | +22 | -19 | Production is estimated higher due to an upward revision in the crop that was harvested last May. |

COARSE GRAINS

| <u>Country</u> | <u>Current Estimate</u> MMT | <u>1994/95 Monthly Change</u> MMT | <u>Monthly Change</u> (%) | <u>Change From 1993/94</u> (%) | <u>Comments</u> |
|-----------------|--------------------------------|--------------------------------------|------------------------------|-----------------------------------|---|
| World | 855.6 | +1.8 | +0 | +9 | Production for 1994/95 is forecast higher due to increases in the United States and total foreign output. |
| United States | 263.6 | +0.4 | +0 | +41 | Production is estimated slightly higher as a result of objective yield and farmer operator surveys. |
| Total Foreign | 592.1 | +1.4 | +0 | -1 | Production is estimated higher due mainly to increases in India, Ukraine, Canada, and Thailand which more than offset declines in the EU, Belarus, the Baltics, and Algeria. |
| India | 36.1 | +2.5 | +7 | +15 | Production is estimated higher for corn, millet, and sorghum due to a favorable monsoon. |
| Ukraine | 19.3 | +2.4 | +14 | -2 | Production is estimated higher as harvest progress reports indicate a higher barley output based on larger area. However, unfavorable weather resulted in a lower estimate for corn production. |
| Canada | 23.6 | +1.7 | +8 | -2 | Production is estimated higher based on a Statistics Canada report increasing the yield potential for barley, oats, and rye. |
| Thailand | 4.1 | +0.4 | +11 | +33 | Production is estimated higher for corn due to an increase in harvested area and yield. Weather has been favorable across the growing region. |
| Other W. Europe | 11.0 | +0.3 | +3 | -3 | Production is estimated higher for barley and oats in Finland based on an increase in yield. The regional drought had a minimal effect on production. |
| EU | 78.6 | -2.9 | -4 | -5 | Production is estimated lower for barley in France and the United Kingdom, but higher in Germany. Estimated corn production is reduced in France and Germany. Oat production is lower in Germany and sorghum output in France is estimated lower. |
| Belarus | 5.8 | -1.1 | -16 | -17 | Production is estimated lower due to declines in the barley and rye estimates. Preliminary harvest progress results indicate a decrease in yield. |
| Baltic States | 2.5 | -0.4 | -12 | -18 | Production is estimated lower due to unfavorable weather that reduced the yield of barley, oats, and rye. |

COARSE GRAINS (continued)

| <u>Country</u> | ----- Current Estimate MMT | 1994/95 Monthly Change MMT | ----- Monthly Change (%) | Change From 1993/94 (%) | <u>Comments</u> |
|----------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|--|
| Algeria | 0.3 | -0.4 | -56 | -54 | Production is estimated lower for barley and oats. According to official sources, the drought completely destroyed the oat crop. |
| Eastern Europe | 47.9 | -0.2 | -0 | +8 | Production is estimated lower due to a reduction in Hungary's corn crop as dry weather continued in the southeastern plain. |
| Argentina | 13.4 | -0.2 | -1 | -0 | Production is estimated lower due to harvest results indicating a decrease in sorghum area and yield. |
| Russia | 47.7 | -0.2 | -0 | -6 | Production is estimated lower for corn due to continued unfavorable weather in the southern growing regions. |

WORLD RICE (MILLED BASIS)

| <u>Country</u> | ----- Current Estimate MMT | 1994/95 Monthly Change MMT | ----- Monthly Change (%) | Change From 1993/94 (%) | <u>Comments</u> |
|----------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|---|
| World | 350.8 | +0.6 | +0 | +0 | Production for the 1994/95 crop is forecast higher due to increases in Japan and the United States. |
| United States | 6.0 | +0.1 | +1 | +22 | Production is estimated at a record level due to record yield. |
| Total Foreign | 344.8 | +0.6 | +0 | -0 | Production is forecast higher due to an increase in Japan. |
| Japan | 10.5 | +0.6 | +6 | +47 | Production is estimated higher based on favorable weather and the results of a rice crop survey conducted by the Japanese Government. |

OILSEEDS

| <u>Country</u> | ----- Current Forecast MMT | 1994/95 Monthly Change MMT | ----- Monthly Change (%) | Change From 1993/94 (%) | <u>Comments</u> |
|----------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|---|
| World | 246.4 | 0.9 | +0 | +9 | Production is forecast higher due to increases in both the U.S. and foreign total oilseed output. World production in 1994/95 is forecast at a record. |
| United States | 73.7 | 0.9 | +1 | +27 | Production is estimated higher based on better yield prospects for soybeans and peanuts. The soybean crop is estimated to be a record 63.0 million tons. |
| Total Foreign | 172.8 | +0.0 | +0 | +3 | Production is forecast slightly higher based on better yields in Canada, the European Union, and China, but was offset by reduced area estimates for Brazil, Argentina, India, and Mexico. Total foreign production in 1994/95 is forecast to establish a new record. |
| Canada | 9.8 | +0.5 | +5 | +34 | Production is estimated at a record due to record rapeseed (canola) production. Favorable rains benefited crops in important growing areas. |
| European Union | 12.2 | +0.4 | +4 | +14 | Production is estimated higher due to larger area. Rapeseed and sunflowerseed production in Germany and France are estimated higher more than offsetting lower Spanish sunflowerseed. |
| China | 37.3 | +0.2 | +0 | -3 | Production is estimated higher due to an increase in the cotton production estimate. |
| India | 22.8 | -0.6 | -2 | +0 | Production is estimated lower based on wet conditions in important soybean growing areas that reduced yield. Improved peanut production prospects partially offset the decline in soybean production. |
| Brazil | 24.7 | -0.3 | -1 | -3 | Production is forecast lower as planted area is projected to decline in response to a record world soybean crop and lower prices. |
| Mexico | 0.8 | -0.1 | -12 | +29 | Production is estimated lower reflecting reports that anticipated area shifts from corn to soybeans was not as great as expected. Soybean output is estimated 29 percent above 1993/94. |
| Argentina | 16.7 | -0.1 | -1 | +2 | Production is forecast lower as planted area is projected unchanged from last year in response to a record world soybean crop and lower prices. |

PALM OIL

| <u>Country</u> | ----- Current <u>Forecast</u> MMT | 1994/95 Monthly <u>Change</u> MMT | ----- Monthly <u>Change</u> (%) | Change From <u>1993/94</u> (%) | <u>Comments</u> |
|----------------|--|--|--|---|---|
| World | 13.9 | -0.2 | -1 | +4 | Production is forecast down slightly, but is still expected to be a record. Malaysian output is projected lower due to drought induced tree stress. |

COTTON

| <u>Country</u> | ----- Current <u>Estimate</u> MBALES | 1994/95 Monthly <u>Change</u> MBALES | ----- Monthly <u>Change</u> (%) | Change From <u>1993/94</u> (%) | <u>Comments</u> |
|----------------|---|---|--|---|---|
| World Total | 86.2 | +0.4 | +1 | +13 | Production is estimated higher due to increases outside the U.S. |
| United States | 19.0 | -0.2 | -1 | +18 | Production is estimated lower this month due to a decrease in yield. Production for 1994/95 is still a record. The drop in yield offset a slight increase in area. |
| Total Foreign | 67.2 | +0.6 | +1 | +11 | Production is forecast higher this month due to increases in China and the FSU which more than offset a reduction in Australia. |
| China | 20.0 | +0.5 | +3 | +16 | Production is estimated higher due to an increase in yield as growing conditions and irrigation supplies improved along the Yangtze River Valley. |
| FSU-12 | 9.6 | +0.1 | +1 | NC | Production is estimated higher due to increased output in Uzbekistan. Better-than-normal weather throughout most of the cotton season has improved yield potential. |
| Australia | 1.3 | -0.3 | -19 | -13 | Production is forecast lower due to drought that may force growers to reduce plantings. Yield is forecast higher as lower-yielding, non-irrigated cotton areas are projected to decrease. |

TABLE 1

U.S. Crop Acreage, Yield, and Production

| COMMODITY | PLANTED AREA | | | HARVESTED AREA | | | YIELD | | | PRODUCTION | | |
|------------|---------------------|---------|---------|---------------------|---------|---------|------------------------|---------|-------|---------------|-------------------------------|---------|
| | Prel. | 1993/94 | Proj. | Prel. | 1993/94 | Proj. | Prel. | 1993/94 | Aug. | 1994/95 Proj. | Prel. | 1993/94 |
| | 1992/93 | 1993/94 | 1994/95 | 1992/93 | 1993/94 | 1994/95 | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 |
| | -- Million acres -- | | | -- Million acres -- | | | -- Bushels per acre -- | | | | -- Million bushels -- | |
| All Wheat | 72.3 | 72.2 | 70.5 | 62.4 | 62.6 | 62.0 | 39.4 | 38.3 | 38.5 | 38.1 | 2,459 | 2,402 |
| Winter | 51.1 | 51.7 | 49.5 | 41.9 | 43.8 | 41.5 | 38.3 | 40.3 | 40.0 | 40.3 | 1,607 | 1,769 |
| Other | 21.2 | 20.5 | 21.0 | 20.5 | 18.8 | 20.5 | 41.5 | 33.7 | 38.1 | 33.7 | 852 | 633 |
| | | | | | | | | | | | 716 | 691 |
| Soybeans | 59.1 | 59.4 | 61.8 | 58.2 | 56.4 | 60.7 | 37.6 | 32.0 | 37.6 | 38.2 | 2,188 | 1,809 |
| | | | | | | | | | | | 2,282 | 2,316 |
| Corn | 79.3 | 73.3 | 78.8 | 72.2 | 63.0 | 71.8 | 131.4 | 100.7 | 128.4 | 129.0 | 9,482 | 6,344 |
| Sorghum | 13.3 | 10.5 | 10.2 | 12.2 | 9.5 | 9.3 | 72.8 | 59.9 | 71.1 | 68.3 | 884 | 568 |
| Barley | 7.8 | 7.8 | 7.3 | 7.3 | 6.8 | 6.8 | 62.5 | 58.9 | 56.8 | 56.3 | 458 | 400 |
| Oats | 8.0 | 7.9 | 6.7 | 4.5 | 3.8 | 4.1 | 65.6 | 54.4 | 60.0 | 60.0 | 295 | 206 |
| | | | | | | | | | | | 248 | 248 |
| | | | | | | | -- Pounds per acre -- | | | | -- Million CWT -- | |
| Rice | 3.2 | 2.9 | 3.4 | 3.1 | 2.8 | 3.3 | 5,736 | 5,510 | 5,710 | 5,766 | 179.7 | 156.1 |
| | | | | | | | | | | | 188.4 | 190.3 |
| | | | | | | | | | | | -- Million 480-pound bales -- | |
| All Cotton | 13.2 | 13.4 | 14.0 | 11.1 | 12.8 | 13.4 | 699 | 606 | 690 | 682 | 16.2 | 16.2 |
| | | | | | | | | | | | 19.2 | 19.0 |

TABLE 2
World Crop Production Summary

| Commodity | World | Total Foreign | North America | | Europe | | FSU-12 | Asia | | | | South America | | Selected Other | | All Others | | | | | |
|---------------------------------|---------------|---------------|---------------|--------|--------|----------------|--------|-------------|-----------|----------------|-------|---------------|-----------|----------------|----------|------------|-----------|--------|-----------|--------------|--------|
| | | | America | | Europe | | | Asia | | | | South America | | Selected Other | | | | | | | |
| | | | United States | Canada | Mexico | European Union | | Oth. Europe | W. Europe | Eastern Europe | China | India | Indonesia | Pakistan | Thailand | | Argentina | Brazil | Australia | South Africa | Turkey |
| --- Million metric tons --- | | | | | | | | | | | | | | | | | | | | | |
| <u>Wheat</u> | 1992/93 | 561.5 | 494.6 | 66.9 | 29.9 | 3.2 | 84.8 | 3.7 | 26.4 | 88.5 | 101.6 | 55.7 | 0.0 | 15.7 | 0.0 | 9.8 | 2.7 | 16.2 | 1.3 | 15.5 | 39.7 |
| | 1993/94 prel. | 560.3 | 494.9 | 65.4 | 27.8 | 3.0 | 80.3 | 4.0 | 30.5 | 82.2 | 106.4 | 56.8 | 0.0 | 16.2 | 0.0 | 9.4 | 2.1 | 17.9 | 2.0 | 16.5 | 40.0 |
| | 1994/95 proj. | 542.0 | 477.0 | 64.9 | 24.0 | 3.2 | 82.4 | 3.7 | 34.8 | 72.0 | 103.0 | 57.8 | 0.0 | 15.1 | 0.0 | 10.0 | 2.0 | 12.5 | 2.0 | 14.0 | 40.6 |
| | Aug. Sep. | 535.5 | 471.2 | 64.3 | 23.7 | 3.2 | 81.9 | 3.7 | 34.3 | 68.8 | 103.0 | 57.8 | 0.0 | 15.1 | 0.0 | 10.0 | 2.0 | 11.0 | 2.0 | 14.0 | 40.8 |
| <u>Coarse Grains</u> | 1992/93 | 862.8 | 585.0 | 277.9 | 19.5 | 19.9 | 82.4 | 9.4 | 43.2 | 92.6 | 108.4 | 37.2 | 5.7 | 1.6 | 3.6 | 14.1 | 29.9 | 8.1 | 10.3 | 9.3 | 89.7 |
| | 1993/94 prel. | 785.1 | 597.5 | 187.5 | 24.2 | 19.6 | 82.7 | 11.4 | 44.3 | 90.9 | 116.7 | 31.4 | 5.5 | 1.7 | 3.1 | 13.4 | 32.7 | 9.5 | 13.6 | 10.4 | 86.4 |
| | 1994/95 proj. | 853.9 | 590.7 | 263.2 | 21.9 | 18.7 | 81.6 | 10.8 | 48.1 | 83.8 | 118.4 | 33.6 | 5.8 | 1.6 | 3.7 | 13.6 | 31.8 | 7.6 | 9.7 | 8.9 | 91.3 |
| | Aug. Sep. | 855.6 | 592.1 | 263.6 | 23.6 | 18.7 | 78.6 | 11.0 | 47.9 | 84.9 | 118.4 | 36.1 | 5.8 | 1.6 | 4.1 | 13.4 | 31.8 | 7.6 | 9.7 | 8.9 | 90.1 |
| <u>Rice (Milled)</u> | 1992/93 | 352.5 | 346.8 | 5.7 | 0.0 | 0.2 | 1.4 | 0.0 | 0.1 | 1.2 | 130.4 | 72.6 | 31.4 | 3.1 | 13.1 | 0.4 | 6.7 | 0.7 | 0.0 | 0.1 | 85.4 |
| | 1993/94 prel. | 350.3 | 345.3 | 5.0 | 0.0 | 0.1 | 1.3 | 0.0 | 0.1 | 1.2 | 124.4 | 78.0 | 31.3 | 4.0 | 12.2 | 0.4 | 7.1 | 0.8 | 0.0 | 0.2 | 84.4 |
| | 1994/95 proj. | 350.2 | 344.2 | 6.0 | 0.0 | 0.2 | 1.3 | 0.0 | 0.1 | 1.3 | 121.5 | 77.0 | 29.8 | 3.5 | 13.2 | 0.4 | 6.8 | 0.8 | 0.0 | 0.2 | 88.3 |
| | Aug. Sep. | 350.8 | 344.8 | 6.0 | 0.0 | 0.2 | 1.3 | 0.0 | 0.1 | 1.3 | 121.5 | 77.0 | 29.8 | 3.5 | 13.2 | 0.4 | 6.8 | 0.8 | 0.0 | 0.2 | 88.9 |
| <u>Total Grains 1/</u> | 1992/93 | 1,776.9 | 1,426.4 | 350.5 | 49.4 | 23.3 | 168.6 | 13.1 | 69.7 | 182.3 | 340.3 | 165.5 | 37.0 | 20.4 | 16.7 | 24.2 | 39.3 | 25.0 | 11.7 | 25.0 | 214.8 |
| | 1993/94 prel. | 1,695.6 | 1,437.8 | 257.9 | 52.0 | 22.7 | 164.2 | 15.4 | 74.8 | 174.4 | 347.5 | 166.2 | 36.8 | 21.8 | 15.3 | 23.2 | 42.0 | 28.2 | 15.6 | 27.1 | 210.7 |
| | 1994/95 proj. | 1,746.0 | 1,411.9 | 334.1 | 45.9 | 22.1 | 165.3 | 14.5 | 82.9 | 157.1 | 350.9 | 164.4 | 36.5 | 19.8 | 16.8 | 23.9 | 40.9 | 20.8 | 11.7 | 23.0 | 215.4 |
| | Aug. Sep. | 1,742.0 | 1,408.1 | 333.9 | 47.3 | 22.1 | 161.8 | 14.7 | 82.2 | 154.9 | 342.9 | 170.9 | 35.6 | 20.2 | 17.3 | 23.8 | 40.6 | 19.4 | 11.7 | 23.0 | 219.7 |
| <u>Oilseeds 2/</u> | 1992/93 | 227.1 | 158.7 | 68.4 | 5.4 | 1.0 | 11.8 | 0.7 | 4.0 | 10.3 | 33.0 | 23.2 | 4.6 | 3.5 | 0.8 | 14.8 | 23.4 | 0.8 | 0.6 | 2.0 | 18.8 |
| | 1993/94 prel. | 225.3 | 167.5 | 57.8 | 7.3 | 0.8 | 10.7 | 0.8 | 3.7 | 10.1 | 38.3 | 23.3 | 5.0 | 3.1 | 0.7 | 16.4 | 25.4 | 1.0 | 0.7 | 1.8 | 18.4 |
| | 1994/95 proj. | 245.5 | 172.7 | 72.8 | 9.3 | 1.2 | 11.8 | 0.9 | 3.8 | 10.3 | 37.1 | 23.9 | 5.1 | 3.6 | 0.8 | 16.8 | 25.0 | 1.1 | 0.7 | 2.0 | 19.3 |
| | Aug. Sep. | 246.4 | 172.8 | 73.7 | 9.8 | 1.0 | 12.2 | 0.9 | 3.8 | 10.2 | 37.3 | 23.3 | 5.1 | 3.6 | 0.8 | 16.7 | 24.7 | 1.1 | 0.7 | 2.0 | 19.5 |
| --- Million 480-pound bales --- | | | | | | | | | | | | | | | | | | | | | |
| <u>Cotton</u> | 1992/93 | 82.7 | 66.5 | 16.2 | 0.0 | 0.1 | 1.5 | 0.0 | 0.1 | 9.3 | 20.7 | 10.9 | 0.0 | 7.1 | 0.1 | 0.7 | 2.1 | 1.7 | 0.1 | 2.6 | 9.5 |
| | 1993/94 prel. | 76.5 | 60.3 | 16.1 | 0.0 | 0.1 | 1.6 | 0.0 | 0.0 | 9.6 | 17.2 | 9.6 | 0.0 | 6.0 | 0.0 | 1.1 | 1.9 | 1.5 | 0.1 | 2.7 | 8.9 |
| | 1994/95 proj. | 85.8 | 66.6 | 19.2 | 0.0 | 0.5 | 1.7 | 0.0 | 0.0 | 9.5 | 19.5 | 10.4 | 0.0 | 7.3 | 0.1 | 1.3 | 2.3 | 1.6 | 0.2 | 2.7 | 9.5 |
| | Aug. Sep. | 86.2 | 67.2 | 19.0 | 0.0 | 0.5 | 1.7 | 0.0 | 0.0 | 9.6 | 20.0 | 10.4 | 0.0 | 7.3 | 0.1 | 1.3 | 2.3 | 1.3 | 0.2 | 2.7 | 9.9 |

1/ Includes wheat, coarse grains, and rice (milled) shown above.

2/ Includes soybean, cottonseed, peanut (in-shell), sunflowerseed, rapeseed, copra, and palm kernel.

Note: Entries of 0.0 indicate no reported or insignificant production.

TABLE 3
Wheat Area, Yield, and Production
World and Selected Countries and Regions

| Country/Region | Area | | | | Yield | | | | Production | | | | Change in Production | | | |
|----------------------|------------------|---------|---------------|--------|-------------------------|---------|---------------|------|---------------------|---------|---------------|--------|----------------------|---------|----------------|---------|
| | Prel. | | 1994/95 Proj. | | Prel. | | 1994/95 Proj. | | Prel. | | 1994/95 Proj. | | From last month | | From last year | |
| | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | MMT | Percent | MMT | Percent |
| | Million hectares | | | | Metric tons per hectare | | | | Million metric tons | | | | MMT | Percent | MMT | Percent |
| World | 222.74 | 222.29 | 216.68 | 215.62 | 2.52 | 2.52 | 2.50 | 2.48 | 561.48 | 560.29 | 541.95 | 535.48 | -6.48 | -1.20 | -24.82 | -4.43 |
| United States | 25.26 | 25.35 | 25.08 | 25.08 | 2.65 | 2.58 | 2.59 | 2.56 | 66.92 | 65.37 | 64.93 | 64.26 | -0.67 | -1.03 | -1.11 | -1.70 |
| Total Foreign | 197.48 | 196.94 | 191.60 | 190.54 | 2.50 | 2.51 | 2.49 | 2.47 | 494.56 | 494.92 | 477.02 | 471.21 | -5.81 | -1.22 | -23.71 | -4.79 |
| Major Exporters | 43.96 | 42.26 | 39.83 | 39.78 | 3.20 | 3.20 | 3.24 | 3.18 | 140.63 | 135.36 | 128.88 | 126.58 | -2.30 | -1.78 | -8.78 | -6.48 |
| European Union | 16.83 | 15.34 | 15.63 | 15.58 | 5.04 | 5.23 | 5.27 | 5.26 | 84.78 | 80.25 | 82.38 | 81.88 | -0.50 | -0.61 | 1.63 | 2.03 |
| France | 5.12 | 4.60 | 4.70 | 4.70 | 6.40 | 6.44 | 6.49 | 6.38 | 32.78 | 29.63 | 30.50 | 30.00 | -0.50 | -1.64 | 0.37 | 1.25 |
| United Kingdom | 2.06 | 1.76 | 1.85 | 1.80 | 6.80 | 7.35 | 7.03 | 7.22 | 14.00 | 12.95 | 13.00 | 13.00 | 0.00 | 0.00 | 0.05 | 0.39 |
| Germany | 2.60 | 2.40 | 2.45 | 2.45 | 5.98 | 6.58 | 6.73 | 6.73 | 15.54 | 15.77 | 16.50 | 16.50 | 0.00 | 0.00 | 0.73 | 4.65 |
| Canada | 13.83 | 12.60 | 11.00 | 11.00 | 2.16 | 2.21 | 2.18 | 2.15 | 29.87 | 27.80 | 24.00 | 23.70 | -0.30 | -1.25 | -4.10 | -14.75 |
| Australia | 9.10 | 9.52 | 8.30 | 8.30 | 1.78 | 1.88 | 1.51 | 1.33 | 16.18 | 17.90 | 12.50 | 11.00 | -1.50 | -12.00 | -6.90 | -38.56 |
| Argentina | 4.20 | 4.80 | 4.90 | 4.90 | 2.33 | 1.96 | 2.04 | 2.04 | 9.80 | 9.40 | 10.00 | 10.00 | 0.00 | 0.00 | 0.60 | 6.38 |
| Major Importers | 90.01 | 88.99 | 86.97 | 85.86 | 2.47 | 2.52 | 2.51 | 2.50 | 222.03 | 224.06 | 218.12 | 214.61 | -3.51 | -1.61 | -9.45 | -4.22 |
| China | 30.50 | 30.24 | 29.60 | 29.60 | 3.33 | 3.52 | 3.48 | 3.48 | 101.59 | 106.39 | 103.00 | 103.00 | 0.00 | 0.00 | -3.39 | -3.19 |
| FSU-12 | 46.68 | 44.50 | 42.72 | 41.67 | 1.90 | 1.85 | 1.69 | 1.65 | 88.46 | 82.21 | 71.99 | 68.82 | -3.17 | -4.40 | -13.39 | -16.28 |
| Russia | 24.28 | 23.52 | 22.30 | 22.30 | 1.90 | 1.85 | 1.70 | 1.70 | 46.17 | 43.50 | 38.00 | 38.00 | 0.00 | 0.00 | -5.50 | -12.64 |
| Ukraine | 6.33 | 5.75 | 5.40 | 4.40 | 3.08 | 3.80 | 3.02 | 3.02 | 19.51 | 21.83 | 16.30 | 13.30 | -3.00 | -18.40 | -8.53 | -39.07 |
| Kazakhstan | 13.88 | 12.75 | 12.40 | 12.40 | 1.32 | 0.91 | 1.05 | 1.05 | 18.29 | 11.59 | 13.00 | 13.00 | 0.00 | 0.00 | 1.42 | 12.21 |
| Baltic States | 0.46 | 0.52 | 0.56 | 0.49 | 2.75 | 2.62 | 2.67 | 2.53 | 1.26 | 1.36 | 1.48 | 1.24 | -0.24 | -16.22 | -0.12 | -8.69 |
| Eastern Europe | 8.15 | 10.02 | 9.95 | 9.95 | 3.24 | 3.04 | 3.49 | 3.44 | 26.42 | 30.48 | 34.75 | 34.25 | -0.50 | -1.44 | 3.77 | 12.37 |
| Poland | 2.41 | 2.50 | 2.50 | 2.50 | 3.06 | 3.30 | 3.52 | 3.52 | 7.37 | 8.24 | 8.80 | 8.80 | 0.00 | 0.00 | 0.56 | 6.77 |
| Romania | 1.48 | 2.30 | 2.40 | 2.40 | 2.07 | 2.30 | 2.50 | 2.50 | 3.05 | 5.30 | 6.00 | 6.00 | 0.00 | 0.00 | 0.70 | 13.21 |
| Egypt | 0.88 | 0.89 | 0.90 | 0.90 | 5.26 | 5.35 | 5.44 | 5.44 | 4.62 | 4.78 | 4.90 | 4.90 | 0.00 | 0.00 | 0.12 | 2.51 |
| Morocco | 2.23 | 2.31 | 2.70 | 2.70 | 0.70 | 0.66 | 1.81 | 1.96 | 1.56 | 1.52 | 4.90 | 5.30 | 0.40 | 8.16 | 3.78 | 248.68 |
| Brazil | 2.00 | 1.41 | 1.45 | 1.45 | 1.37 | 1.50 | 1.38 | 1.38 | 2.74 | 2.11 | 2.00 | 2.00 | 0.00 | 0.00 | -0.11 | -5.08 |
| Other Foreign | 63.50 | 65.69 | 64.80 | 64.90 | 2.08 | 2.06 | 2.01 | 2.00 | 131.90 | 135.50 | 130.02 | 130.02 | -0.00 | -0.00 | -5.48 | -4.04 |
| India | 23.26 | 24.43 | 24.45 | 24.45 | 2.39 | 2.32 | 2.36 | 2.36 | 55.69 | 56.76 | 57.80 | 57.80 | 0.00 | 0.00 | 1.04 | 1.83 |
| Turkey | 8.80 | 8.85 | 8.80 | 8.80 | 1.76 | 1.86 | 1.59 | 1.59 | 15.50 | 16.50 | 14.00 | 14.00 | 0.00 | 0.00 | -2.50 | -15.15 |
| Pakistan | 7.88 | 8.30 | 8.06 | 8.06 | 1.99 | 1.95 | 1.87 | 1.87 | 15.68 | 16.16 | 15.10 | 15.10 | 0.00 | 0.00 | -1.06 | -6.54 |
| Mexico | 0.76 | 0.71 | 0.75 | 0.75 | 4.20 | 4.20 | 4.27 | 4.27 | 3.20 | 3.00 | 3.20 | 3.20 | 0.00 | 0.00 | 0.20 | 6.67 |
| Saudi Arabia | 0.91 | 0.80 | 0.50 | 0.50 | 4.49 | 4.53 | 4.40 | 4.40 | 4.07 | 3.60 | 2.20 | 2.20 | 0.00 | 0.00 | -1.40 | -38.89 |
| Rep. of South Africa | 0.74 | 1.07 | 1.10 | 1.10 | 1.77 | 1.84 | 1.82 | 1.82 | 1.32 | 1.96 | 2.00 | 2.00 | 0.00 | 0.00 | 0.04 | 2.04 |
| Others | 21.15 | 21.54 | 21.14 | 21.24 | 1.72 | 1.74 | 1.69 | 1.68 | 36.44 | 37.52 | 35.72 | 35.72 | -0.00 | -0.00 | -1.80 | -4.80 |

TABLE 4

Total Coarse Grain Area, Yield, and Production

World and Selected Countries and Regions

| Country/Region | Area | | | | | Yield | | | | | Production | | | | | Change in Production | | | |
|--------------------|------------------|---------|---------------|--------|------|-------------------------|---------|---------------|------|------|---------------------|---------|---------------|--------|------|----------------------|---------|----------------|---------|
| | Prel. | | 1994/95 Proj. | | | Prel. | | 1994/95 Proj. | | | Prel. | | 1994/95 Proj. | | | From last month | | From last year | |
| | 1992/93 | 1993/94 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | 1993/94 | Aug. | Sep. | MMT | Percent | MMT | Percent |
| | Million hectares | | | | | Metric tons per hectare | | | | | Million metric tons | | | | | | | | |
| World | 318.93 | 310.40 | 312.42 | 312.35 | | 2.71 | 2.53 | 2.73 | 2.74 | | 862.83 | 785.05 | 853.86 | 855.63 | | 1.77 | 0.21 | 70.58 | 8.99 |
| United States | 39.07 | 33.77 | 37.41 | 37.41 | | 7.11 | 5.55 | 7.04 | 7.05 | | 277.85 | 187.54 | 263.20 | 263.55 | | 0.35 | 0.13 | 76.01 | 40.53 |
| Total Foreign | 279.86 | 276.63 | 275.02 | 274.95 | | 2.09 | 2.16 | 2.15 | 2.15 | | 584.98 | 597.51 | 590.66 | 592.08 | | 1.42 | 0.24 | -5.43 | -0.91 |
| Major Exporters | | | | | | | | | | | | | | | | | | | |
| Canada | 20.92 | 22.09 | 21.19 | 21.38 | | 2.66 | 2.89 | 2.66 | 2.73 | | 55.60 | 63.76 | 56.44 | 58.38 | | 1.94 | 3.44 | -5.38 | -8.44 |
| Argentina | 6.22 | 6.91 | 6.85 | 6.99 | | 3.13 | 3.50 | 3.19 | 3.38 | | 19.49 | 24.20 | 21.87 | 23.61 | | 1.74 | 7.96 | -0.59 | -2.44 |
| Australia | 3.84 | 3.74 | 3.77 | 3.72 | | 3.67 | 3.58 | 3.60 | 3.60 | | 14.08 | 13.38 | 13.58 | 13.38 | | -0.20 | -1.47 | -0.01 | -0.07 |
| South Africa, Rep. | 4.66 | 5.20 | 4.52 | 4.52 | | 1.75 | 1.83 | 1.69 | 1.69 | | 8.14 | 9.51 | 7.64 | 7.64 | | 0.00 | 0.00 | -1.87 | -19.70 |
| Thailand | 4.82 | 4.99 | 4.69 | 4.69 | | 2.14 | 2.72 | 2.06 | 2.06 | | 10.34 | 13.59 | 9.66 | 9.66 | | 0.00 | 0.00 | -3.93 | -28.93 |
| | 1.37 | 1.25 | 1.36 | 1.46 | | 2.59 | 2.46 | 2.72 | 2.81 | | 3.55 | 3.08 | 3.70 | 4.10 | | 0.40 | 10.81 | 1.02 | 33.12 |
| Major Importers | | | | | | | | | | | | | | | | | | | |
| FSU-12 | 99.83 | 98.18 | 94.89 | 95.30 | | 2.51 | 2.57 | 2.59 | 2.56 | | 250.28 | 251.96 | 245.66 | 243.56 | | -2.10 | -0.85 | -8.40 | -3.33 |
| Russia | 51.30 | 51.70 | 48.30 | 49.05 | | 1.81 | 1.76 | 1.73 | 1.73 | | 92.61 | 90.94 | 83.75 | 84.85 | | 1.10 | 1.31 | -6.09 | -6.69 |
| Ukraine | 33.36 | 32.09 | 29.70 | 29.70 | | 1.67 | 1.59 | 1.61 | 1.61 | | 55.79 | 50.89 | 47.90 | 47.70 | | -0.20 | -0.42 | -3.19 | -6.27 |
| Kazakhstan | 5.81 | 6.50 | 6.15 | 7.00 | | 2.68 | 3.02 | 2.75 | 2.76 | | 15.59 | 19.65 | 16.93 | 19.33 | | 2.40 | 14.18 | -0.32 | -1.63 |
| Baltic States | 7.93 | 8.80 | 8.15 | 8.15 | | 1.33 | 1.04 | 1.04 | 1.04 | | 10.58 | 9.14 | 8.45 | 8.45 | | 0.00 | 0.00 | -0.69 | -7.52 |
| European Union | 1.76 | 1.53 | 1.56 | 1.54 | | 1.50 | 1.98 | 1.82 | 1.62 | | 2.63 | 3.04 | 2.84 | 2.49 | | -0.35 | -12.32 | -0.55 | -17.98 |
| Germany | 18.09 | 16.75 | 16.93 | 16.60 | | 4.56 | 4.94 | 4.82 | 4.74 | | 82.43 | 82.70 | 81.55 | 78.63 | | -2.92 | -3.58 | -4.07 | -4.92 |
| France | 3.92 | 3.83 | 3.85 | 3.85 | | 4.91 | 5.16 | 5.08 | 5.16 | | 19.22 | 19.75 | 19.55 | 19.85 | | 0.30 | 1.53 | 0.10 | 0.51 |
| Eastern Europe | 4.16 | 3.93 | 3.76 | 3.53 | | 6.68 | 6.65 | 6.81 | 6.49 | | 27.81 | 26.13 | 25.59 | 22.87 | | -2.72 | -10.63 | -3.26 | -12.49 |
| Poland | 16.83 | 16.65 | 16.51 | 16.51 | | 2.57 | 2.66 | 2.91 | 2.90 | | 43.24 | 44.31 | 48.05 | 47.85 | | -0.20 | -0.42 | 3.54 | 7.99 |
| Romania | 5.92 | 6.04 | 6.04 | 6.04 | | 2.13 | 2.52 | 2.54 | 2.54 | | 12.59 | 15.20 | 15.36 | 15.36 | | 0.00 | 0.00 | 0.16 | 1.05 |
| Czechoslovakia | 4.31 | 4.13 | 4.17 | 4.17 | | 2.10 | 2.46 | 2.68 | 2.68 | | 9.05 | 10.13 | 11.16 | 11.16 | | 0.00 | 0.00 | 1.02 | 10.07 |
| Mexico | 1.25 | 1.25 | 1.30 | 1.30 | | 3.89 | 3.77 | 4.00 | 4.00 | | 4.84 | 4.71 | 5.20 | 5.20 | | 0.00 | 0.00 | 0.49 | 10.52 |
| Other W. Europe | 9.14 | 8.95 | 8.87 | 8.87 | | 2.18 | 2.19 | 2.11 | 2.11 | | 19.93 | 19.59 | 18.70 | 18.70 | | 0.00 | 0.00 | -0.89 | -4.54 |
| | 2.71 | 2.61 | 2.72 | 2.74 | | 3.49 | 4.36 | 3.95 | 4.02 | | 9.44 | 11.38 | 10.76 | 11.03 | | 0.27 | 2.56 | -0.35 | -3.05 |
| Other Foreign | | | | | | | | | | | | | | | | | | | |
| China | 159.12 | 156.35 | 158.94 | 158.26 | | 1.75 | 1.80 | 1.82 | 1.83 | | 279.10 | 281.79 | 288.56 | 290.14 | | 1.58 | 0.55 | 8.35 | 2.96 |
| India | 26.00 | 25.81 | 26.15 | 26.15 | | 4.17 | 4.52 | 4.53 | 4.53 | | 108.36 | 116.74 | 118.40 | 118.40 | | 0.00 | 0.00 | 1.66 | 1.42 |
| Brazil | 34.82 | 32.85 | 34.50 | 34.50 | | 1.07 | 0.96 | 0.97 | 1.05 | | 37.23 | 31.41 | 33.60 | 36.10 | | 2.50 | 7.44 | 4.69 | 14.93 |
| Turkey | 12.83 | 14.17 | 14.00 | 14.00 | | 2.33 | 2.31 | 2.27 | 2.27 | | 29.86 | 32.75 | 31.76 | 31.76 | | 0.00 | 0.00 | -0.99 | -3.02 |
| Indonesia | 4.49 | 4.60 | 4.56 | 4.56 | | 2.08 | 2.27 | 1.95 | 1.95 | | 9.35 | 10.44 | 8.88 | 8.88 | | 0.00 | 0.00 | -1.56 | -14.95 |
| Philippines | 3.05 | 2.95 | 3.10 | 3.10 | | 1.85 | 1.85 | 1.87 | 1.87 | | 5.65 | 5.45 | 5.80 | 5.80 | | 0.00 | 0.00 | 0.35 | 6.42 |
| Others | 3.33 | 3.10 | 3.60 | 3.60 | | 1.43 | 1.45 | 1.42 | 1.42 | | 4.75 | 4.50 | 5.10 | 5.10 | | 0.00 | 0.00 | 0.60 | 13.33 |
| | 74.60 | 72.89 | 73.03 | 72.36 | | 1.12 | 1.10 | 1.16 | 1.16 | | 83.91 | 80.51 | 85.03 | 84.11 | | -0.92 | -1.09 | 3.60 | 4.47 |

TABLE 5
Corn Area, Yield, and Production
World and Selected Countries and Regions

| Country/Region | Area | | | | Yield | | | | Production | | | | Change in Production | | | |
|-----------------|------------------|---------|---------------|--------|-------------------------|---------|---------------|------|---------------------|---------|---------------|--------|----------------------|---------|----------------|---------|
| | Prel. | | 1994/95 Proj. | | Prel. | | 1994/95 Proj. | | Prel. | | 1994/95 Proj. | | From last month | | From last year | |
| | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | MMT | Percent | MMT | Percent |
| | Million hectares | | | | Metric tons per hectare | | | | Million metric tons | | | | MMT | Percent | MMT | Percent |
| World | 131.78 | 128.77 | 132.65 | 132.56 | 4.04 | 3.63 | 4.06 | 4.05 | 532.88 | 467.29 | 538.16 | 537.23 | -0.93 | -0.17 | 69.94 | 14.97 |
| United States | 29.20 | 25.49 | 29.04 | 29.04 | 8.25 | 6.32 | 8.06 | 8.10 | 240.85 | 161.15 | 234.06 | 235.14 | 1.09 | 0.46 | 74.00 | 45.92 |
| Total Foreign | 102.58 | 103.28 | 103.62 | 103.53 | 2.85 | 2.96 | 2.93 | 2.92 | 292.03 | 306.14 | 304.10 | 302.09 | -2.02 | -0.66 | -4.06 | -1.32 |
| Major Exporters | 7.34 | 7.40 | 7.20 | 7.30 | 3.16 | 3.48 | 3.13 | 3.14 | 23.20 | 25.78 | 22.50 | 22.90 | 0.40 | 1.78 | -2.88 | -11.15 |
| Argentina | 2.45 | 2.40 | 2.40 | 2.40 | 4.16 | 4.17 | 4.17 | 4.17 | 10.20 | 10.00 | 10.00 | 10.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| South Africa | 3.66 | 3.90 | 3.60 | 3.60 | 2.62 | 3.30 | 2.50 | 2.50 | 9.60 | 12.88 | 9.00 | 9.00 | 0.00 | 0.00 | -3.88 | -30.10 |
| Thailand | 1.23 | 1.10 | 1.20 | 1.30 | 2.76 | 2.64 | 2.92 | 3.00 | 3.40 | 2.90 | 3.50 | 3.90 | 0.40 | 11.43 | 1.00 | 34.48 |
| Major Importers | 22.51 | 22.05 | 21.59 | 21.49 | 3.36 | 3.51 | 3.53 | 3.43 | 75.63 | 77.46 | 76.30 | 73.75 | -2.55 | -3.34 | -3.71 | -4.79 |
| Eastern Europe | 7.72 | 7.21 | 6.98 | 6.98 | 2.68 | 2.79 | 3.15 | 3.12 | 20.71 | 20.11 | 22.01 | 21.81 | -0.20 | -0.91 | 1.70 | 8.45 |
| Romania | 3.33 | 3.10 | 3.00 | 3.00 | 2.05 | 2.58 | 2.83 | 2.83 | 6.83 | 8.00 | 8.50 | 8.50 | 0.00 | 0.00 | 0.50 | 6.25 |
| Yugoslavia | 2.26 | 2.10 | 2.10 | 2.10 | 2.94 | 2.81 | 3.10 | 3.10 | 6.65 | 5.90 | 6.50 | 6.50 | 0.00 | 0.00 | 0.60 | 10.17 |
| European Union | 3.70 | 3.62 | 3.58 | 3.48 | 7.86 | 8.01 | 7.97 | 7.67 | 29.11 | 29.02 | 28.53 | 26.68 | -1.85 | -6.48 | -2.34 | -8.07 |
| France | 1.86 | 1.86 | 1.80 | 1.70 | 7.98 | 8.12 | 8.17 | 7.65 | 14.87 | 15.10 | 14.70 | 13.00 | -1.70 | -11.56 | -2.10 | -13.91 |
| Italy | 0.85 | 0.93 | 0.90 | 0.90 | 8.68 | 8.48 | 8.56 | 8.56 | 7.41 | 7.90 | 7.70 | 7.70 | 0.00 | 0.00 | -0.20 | -2.53 |
| Mexico | 8.10 | 8.00 | 7.90 | 7.90 | 2.10 | 2.13 | 2.03 | 2.03 | 17.00 | 17.00 | 16.00 | 16.00 | 0.00 | 0.00 | -1.00 | -5.88 |
| FSU-12 | 2.70 | 2.94 | 2.86 | 2.86 | 2.62 | 3.13 | 2.74 | 2.56 | 7.09 | 9.21 | 7.82 | 7.32 | -0.50 | -6.39 | -1.89 | -20.54 |
| Russia | 0.81 | 0.81 | 0.80 | 0.80 | 2.64 | 3.04 | 2.63 | 2.38 | 2.14 | 2.45 | 2.10 | 1.90 | -0.20 | -9.52 | -0.55 | -22.35 |
| Ukraine | 1.16 | 1.33 | 1.25 | 1.25 | 2.46 | 3.16 | 2.80 | 2.56 | 2.85 | 4.20 | 3.50 | 3.20 | -0.30 | -8.57 | -1.00 | -23.81 |
| Other W. Europe | 0.20 | 0.20 | 0.19 | 0.19 | 6.63 | 8.76 | 8.13 | 8.13 | 1.34 | 1.74 | 1.57 | 1.57 | 0.00 | 0.00 | -0.17 | -9.98 |
| Others | 0.08 | 0.08 | 0.08 | 0.08 | 4.55 | 4.46 | 4.65 | 4.65 | 0.38 | 0.37 | 0.37 | 0.37 | 0.00 | 0.00 | -0.00 | -0.81 |
| Other Foreign | 72.73 | 73.83 | 74.83 | 74.74 | 2.66 | 2.75 | 2.74 | 2.75 | 193.20 | 202.91 | 205.30 | 205.44 | 0.13 | 0.07 | 2.53 | 1.25 |
| China | 21.04 | 20.69 | 21.00 | 21.00 | 4.53 | 4.96 | 4.95 | 4.95 | 95.38 | 102.70 | 104.00 | 104.00 | 0.00 | 0.00 | 1.30 | 1.27 |
| Brazil | 12.40 | 13.70 | 13.50 | 13.50 | 2.35 | 2.34 | 2.30 | 2.30 | 29.20 | 32.00 | 31.00 | 31.00 | 0.00 | 0.00 | -1.00 | -3.13 |
| India | 6.02 | 6.00 | 6.10 | 6.10 | 1.69 | 1.62 | 1.64 | 1.72 | 10.20 | 9.70 | 10.00 | 10.50 | 0.50 | 5.00 | 0.80 | 8.25 |
| Canada | 0.86 | 0.95 | 0.95 | 0.95 | 5.70 | 6.63 | 6.53 | 6.53 | 4.88 | 6.30 | 6.20 | 6.20 | 0.00 | 0.00 | -0.10 | -1.59 |
| Indonesia | 3.05 | 2.95 | 3.10 | 3.10 | 1.85 | 1.85 | 1.87 | 1.87 | 5.65 | 5.45 | 5.80 | 5.80 | 0.00 | 0.00 | 0.35 | 6.42 |
| Philippines | 3.33 | 3.10 | 3.60 | 3.60 | 1.43 | 1.45 | 1.42 | 1.42 | 4.75 | 4.50 | 5.10 | 5.10 | 0.00 | 0.00 | 0.60 | 13.33 |
| Egypt | 0.75 | 0.80 | 0.75 | 0.75 | 6.00 | 6.15 | 6.27 | 6.27 | 4.50 | 4.94 | 4.70 | 4.70 | 0.00 | 0.00 | -0.24 | -4.86 |
| Zimbabwe | 1.20 | 1.20 | 1.20 | 1.20 | 1.67 | 1.50 | 1.83 | 1.83 | 2.00 | 1.80 | 2.20 | 2.20 | 0.00 | 0.00 | 0.40 | 22.22 |
| Others | 24.08 | 24.44 | 24.63 | 24.54 | 1.52 | 1.45 | 1.47 | 1.46 | 36.64 | 35.52 | 36.30 | 35.94 | -0.37 | -1.01 | 0.42 | 1.18 |

TABLE 6
Barley Area, Yield, and Production
World and Selected Countries and Regions

| Country/Region | Area | | | Yield | | | Production | | | Change in Production | | |
|-----------------|------------------|---------|---------------|-------------------------|---------|---------------|---------------------|---------|---------------|----------------------|----------------|-------|
| | Prel. | | | Prel. | | | Prel. | | | From last month | | |
| | 1992/93 | 1993/94 | 1994/95 Proj. | 1992/93 | 1993/94 | 1994/95 Proj. | 1992/93 | 1993/94 | 1994/95 Proj. | From last month | From last year | |
| | Million hectares | | | Metric tons per hectare | | | Million metric tons | | | MMT | Percent | MMT |
| World | 72.71 | 74.22 | 72.94 | 2.28 | 2.28 | 2.25 | 165.66 | 169.09 | 163.79 | 2.05 | 1.25 | -3.25 |
| United States | 2.96 | 2.75 | 2.77 | 3.36 | 3.17 | 3.05 | 9.97 | 8.71 | 8.46 | -0.07 | -0.85 | -0.32 |
| Total Foreign | 69.75 | 71.47 | 70.17 | 2.23 | 2.24 | 2.21 | 155.69 | 160.38 | 155.33 | 2.12 | 1.36 | -2.93 |
| European Union | 11.43 | 10.12 | 10.27 | 3.79 | 4.20 | 4.02 | 43.32 | 42.50 | 41.23 | -0.80 | -1.94 | -2.07 |
| Denmark | 0.89 | 0.72 | 0.75 | 3.33 | 4.72 | 4.93 | 2.97 | 3.40 | 3.70 | 0.00 | 0.00 | 0.30 |
| France | 1.80 | 1.60 | 1.50 | 5.88 | 5.55 | 5.87 | 10.58 | 8.88 | 8.80 | -0.80 | -9.09 | -0.88 |
| Germany | 2.41 | 2.20 | 2.10 | 5.06 | 5.00 | 4.95 | 12.20 | 11.00 | 10.40 | 0.50 | 4.81 | -0.10 |
| Italy | 0.45 | 0.44 | 0.40 | 3.87 | 3.44 | 3.75 | 1.74 | 1.50 | 1.50 | 0.00 | 0.00 | 0.00 |
| Spain | 4.01 | 3.48 | 3.80 | 1.52 | 2.74 | 2.11 | 6.11 | 9.52 | 8.00 | 0.00 | 0.00 | -1.52 |
| United Kingdom | 1.31 | 1.18 | 1.20 | 5.61 | 5.12 | 5.42 | 7.35 | 6.04 | 6.50 | -0.50 | -7.69 | -0.04 |
| FSU-12 | 25.96 | 28.65 | 27.88 | 1.95 | 1.80 | 1.78 | 50.70 | 51.64 | 49.66 | 2.30 | 4.63 | 0.32 |
| Russia | 14.56 | 15.45 | 15.40 | 1.85 | 1.72 | 1.75 | 26.99 | 26.63 | 27.00 | 0.00 | 0.00 | 0.37 |
| Ukraine | 3.45 | 3.97 | 3.70 | 2.93 | 3.18 | 2.97 | 10.11 | 12.60 | 11.00 | 3.00 | 27.27 | 1.40 |
| Kazakhstan | 5.72 | 7.00 | 6.50 | 1.49 | 1.02 | 1.00 | 8.51 | 7.15 | 6.50 | 0.00 | 0.00 | -0.65 |
| Baltic States | 1.23 | 0.95 | 0.99 | 1.37 | 2.02 | 1.72 | 1.69 | 1.91 | 1.70 | -0.18 | -10.59 | -0.39 |
| Eastern Europe | 3.67 | 3.74 | 3.77 | 3.11 | 2.89 | 3.16 | 11.44 | 10.81 | 11.93 | 0.00 | 0.00 | 1.13 |
| Poland | 1.20 | 1.20 | 1.20 | 2.35 | 2.75 | 2.58 | 2.82 | 3.30 | 3.10 | 0.00 | 0.00 | -0.20 |
| Czechoslovakia | 0.89 | 0.88 | 0.90 | 4.00 | 3.73 | 4.11 | 3.55 | 3.30 | 3.70 | 0.00 | 0.00 | 0.40 |
| Romania | 0.63 | 0.64 | 0.76 | 2.67 | 2.42 | 2.63 | 1.68 | 1.55 | 2.00 | 0.00 | 0.00 | 0.45 |
| Canada | 3.79 | 4.20 | 4.10 | 2.88 | 3.17 | 2.80 | 10.92 | 13.30 | 11.50 | 1.00 | 8.70 | -0.80 |
| Other W. Europe | 1.42 | 1.35 | 1.43 | 3.47 | 3.99 | 3.85 | 4.92 | 5.39 | 5.50 | 0.20 | 3.64 | 0.31 |
| Sweden | 0.43 | 0.39 | 0.47 | 2.92 | 4.28 | 3.62 | 1.26 | 1.67 | 1.70 | 0.00 | 0.00 | 0.03 |
| Turkey | 3.44 | 3.55 | 3.70 | 1.89 | 2.06 | 1.81 | 6.50 | 7.30 | 6.70 | 0.00 | 0.00 | -0.60 |
| Australia | 2.96 | 3.52 | 2.60 | 1.82 | 1.94 | 1.65 | 5.40 | 6.82 | 4.30 | 0.00 | 0.00 | -2.52 |
| China | 1.25 | 1.23 | 1.20 | 3.20 | 3.43 | 3.33 | 4.00 | 4.20 | 4.00 | 0.00 | 0.00 | -0.20 |
| Morocco | 2.23 | 2.15 | 2.40 | 0.48 | 0.47 | 1.42 | 1.08 | 1.02 | 3.40 | 0.00 | 0.00 | 2.38 |
| India | 0.95 | 0.90 | 0.90 | 1.79 | 1.68 | 1.78 | 1.70 | 1.51 | 1.60 | 0.00 | 0.00 | 0.09 |
| Others | 11.41 | 11.12 | 10.94 | 1.23 | 1.26 | 1.26 | 14.02 | 14.00 | 13.81 | -0.40 | -2.90 | -0.59 |
| | | | | | | | 14.02 | 14.00 | 13.41 | | | -4.21 |

TABLE 7
Oats Area, Yield, and Production
World and Selected Countries and Regions

| Country/Region | Area | | | | | | Yield | | | | | | Production | | | | | | Change in Production | | | |
|------------------------|------------------|---------|-------|---------------|-------|------|-------------------------|---------|------|---------------|------|------|---------------------|---------|-------|---------------|------|------|----------------------|----------------|-----------------|----------------|
| | Prel. | | | 1994/95 Proj. | | | Prel. | | | 1994/95 Proj. | | | Prel. | | | 1994/95 Proj. | | | From last month | | From last year | |
| | 1992/93 | 1993/94 | Aug. | 1994/95 Proj. | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | 1994/95 Proj. | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | 1994/95 Proj. | Aug. | Sep. | From last month | From last year | From last month | From last year |
| | Million hectares | | | | | | Metric tons per hectare | | | | | | Million metric tons | | | | | | MMT | Percent | MMT | Percent |
| World | 20.04 | 19.77 | 19.89 | 19.89 | 19.89 | | 1.68 | 1.78 | 1.72 | 1.74 | | | 33.59 | 35.16 | 34.17 | 34.64 | | | 0.47 | 1.38 | -0.52 | -1.47 |
| United States | 1.82 | 1.54 | 1.67 | 1.67 | 1.67 | | 2.35 | 1.95 | 2.15 | 2.15 | | | 4.28 | 2.99 | 3.60 | 3.60 | | | 0.00 | 0.00 | 0.60 | 20.11 |
| Total Foreign | 18.22 | 18.23 | 18.22 | 18.22 | 18.22 | | 1.61 | 1.76 | 1.68 | 1.70 | | | 29.31 | 32.17 | 30.58 | 31.05 | | | 0.47 | 1.54 | -1.12 | -3.48 |
| FSU - 12 | 9.85 | 9.80 | 9.65 | 9.65 | 9.65 | | 1.42 | 1.47 | 1.40 | 1.40 | | | 13.97 | 14.42 | 13.48 | 13.48 | | | 0.00 | 0.00 | -0.94 | -6.53 |
| Russia | 8.54 | 8.39 | 8.30 | 8.30 | 8.30 | | 1.32 | 1.38 | 1.33 | 1.33 | | | 11.24 | 11.54 | 11.00 | 11.00 | | | 0.00 | 0.00 | -0.54 | -4.67 |
| Ukraine | 0.50 | 0.51 | 0.50 | 0.50 | 0.50 | | 2.52 | 2.56 | 2.20 | 2.20 | | | 1.25 | 1.30 | 1.10 | 1.10 | | | 0.00 | 0.00 | -0.20 | -15.38 |
| Belarus | 0.33 | 0.33 | 0.33 | 0.33 | 0.33 | | 2.17 | 2.28 | 2.27 | 2.27 | | | 0.72 | 0.75 | 0.75 | 0.75 | | | 0.00 | 0.00 | 0.00 | 0.00 |
| Baltic States | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | | 0.90 | 1.81 | 1.53 | 1.24 | | | 0.16 | 0.30 | 0.26 | 0.21 | | | -0.05 | -19.23 | -0.09 | -29.77 |
| Maj. Foreign Exporters | 3.08 | 3.06 | 3.19 | 3.29 | 3.29 | | 1.95 | 2.28 | 2.04 | 2.17 | | | 6.02 | 6.98 | 6.50 | 7.15 | | | 0.65 | 10.00 | 0.17 | 2.38 |
| Canada | 1.24 | 1.35 | 1.40 | 1.50 | 1.50 | | 2.28 | 2.67 | 2.29 | 2.57 | | | 2.82 | 3.60 | 3.20 | 3.85 | | | 0.65 | 20.31 | 0.25 | 6.94 |
| Sweden | 0.34 | 0.30 | 0.34 | 0.34 | 0.34 | | 2.36 | 4.32 | 3.53 | 3.53 | | | 0.81 | 1.30 | 1.20 | 1.20 | | | 0.00 | 0.00 | -0.09 | -7.34 |
| Australia | 1.15 | 1.06 | 1.10 | 1.10 | 1.10 | | 1.68 | 1.56 | 1.50 | 1.50 | | | 1.94 | 1.65 | 1.65 | 1.65 | | | 0.00 | 0.00 | -0.00 | -0.12 |
| Argentina | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | | 1.29 | 1.25 | 1.29 | 1.29 | | | 0.45 | 0.44 | 0.45 | 0.45 | | | 0.00 | 0.00 | 0.01 | 2.97 |
| Other Foreign | 5.12 | 5.21 | 5.20 | 5.10 | 5.10 | | 1.79 | 2.01 | 1.99 | 2.00 | | | 9.16 | 10.46 | 10.34 | 10.21 | | | -0.13 | -1.25 | -0.26 | -2.44 |
| China | 0.54 | 0.54 | 0.50 | 0.50 | 0.50 | | 1.19 | 1.19 | 1.20 | 1.20 | | | 0.64 | 0.64 | 0.60 | 0.60 | | | 0.00 | 0.00 | -0.04 | -6.25 |
| European Union | 1.26 | 1.31 | 1.31 | 1.31 | 1.31 | | 2.85 | 3.18 | 3.22 | 3.11 | | | 3.58 | 4.16 | 4.23 | 4.08 | | | -0.15 | -3.55 | -0.08 | -1.97 |
| France | 0.17 | 0.17 | 0.16 | 0.16 | 0.16 | | 4.24 | 4.19 | 4.19 | 4.19 | | | 0.70 | 0.70 | 0.67 | 0.67 | | | 0.00 | 0.00 | -0.03 | -4.29 |
| Germany | 0.36 | 0.36 | 0.40 | 0.40 | 0.40 | | 3.67 | 4.72 | 4.50 | 4.13 | | | 1.31 | 1.70 | 1.80 | 1.65 | | | -0.15 | -8.33 | -0.05 | -2.94 |
| Italy | 0.15 | 0.14 | 0.13 | 0.13 | 0.13 | | 2.28 | 2.57 | 2.31 | 2.31 | | | 0.33 | 0.36 | 0.30 | 0.30 | | | 0.00 | 0.00 | -0.06 | -16.67 |
| United Kingdom | 0.11 | 0.10 | 0.09 | 0.09 | 0.09 | | 5.00 | 5.00 | 5.39 | 5.39 | | | 0.53 | 0.50 | 0.49 | 0.49 | | | 0.00 | 0.00 | -0.01 | -3.00 |
| Eastern Europe | 1.20 | 1.31 | 1.33 | 1.33 | 1.33 | | 1.86 | 2.07 | 2.09 | 2.09 | | | 2.22 | 2.71 | 2.78 | 2.78 | | | 0.00 | 0.00 | 0.07 | 2.59 |
| Czechoslovakia | 0.09 | 0.09 | 0.10 | 0.10 | 0.10 | | 3.00 | 3.24 | 3.50 | 3.50 | | | 0.26 | 0.28 | 0.35 | 0.35 | | | 0.00 | 0.00 | 0.07 | 27.27 |
| Poland | 0.67 | 0.64 | 0.65 | 0.65 | 0.65 | | 1.84 | 2.34 | 2.15 | 2.15 | | | 1.23 | 1.50 | 1.40 | 1.40 | | | 0.00 | 0.00 | -0.10 | -6.67 |
| Yugoslavia | 0.05 | 0.13 | 0.12 | 0.12 | 0.12 | | 1.80 | 1.77 | 1.67 | 1.67 | | | 0.09 | 0.23 | 0.20 | 0.20 | | | 0.00 | 0.00 | -0.03 | -13.04 |
| Finland | 0.34 | 0.33 | 0.34 | 0.34 | 0.34 | | 3.16 | 3.64 | 3.24 | 3.53 | | | 1.06 | 1.20 | 1.10 | 1.20 | | | 0.10 | 9.09 | 0.00 | 0.00 |
| Norway | 0.13 | 0.12 | 0.12 | 0.12 | 0.12 | | 2.39 | 3.75 | 2.50 | 2.50 | | | 0.32 | 0.45 | 0.30 | 0.30 | | | 0.00 | 0.00 | -0.15 | -33.33 |
| Turkey | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | | 1.87 | 1.93 | 2.00 | 2.00 | | | 0.28 | 0.28 | 0.30 | 0.30 | | | 0.00 | 0.00 | 0.02 | 7.14 |
| Others | 1.51 | 1.46 | 1.45 | 1.35 | 1.35 | | 0.70 | 0.70 | 0.71 | 0.71 | | | 1.06 | 1.03 | 1.03 | 0.95 | | | -0.08 | -7.66 | -0.07 | -7.12 |

TABLE 8
Rye Area, Yield, and Production
World and Selected Countries and Regions

| Country/Region | Area | | | | Yield | | | | Production | | | | Change in Production | | | |
|-----------------|------------------|---------|---------------|-------|-------------------------|---------|---------------|------|---------------------|---------|---------------|-------|----------------------|---------|----------------|---------|
| | Prel. | | 1994/95 Proj. | | Prel. | | 1994/95 Proj. | | Prel. | | 1994/95 Proj. | | From last month | | From last year | |
| | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | | | | |
| | Million hectares | | | | Metric tons per hectare | | | | Million metric tons | | | | MMT | Percent | MMT | Percent |
| World | 14.10 | 12.83 | 10.69 | 10.55 | 2.03 | 2.01 | 2.22 | 2.19 | 28.66 | 25.83 | 23.76 | 23.11 | -0.66 | -2.76 | -2.72 | -10.54 |
| United States | 0.16 | 0.15 | 0.16 | 0.16 | 1.85 | 1.71 | 1.79 | 1.79 | 0.30 | 0.26 | 0.29 | 0.29 | 0.00 | 0.00 | 0.03 | 11.03 |
| Total Foreign | 13.94 | 12.67 | 10.52 | 10.38 | 2.03 | 2.02 | 2.23 | 2.20 | 28.35 | 25.57 | 23.47 | 22.81 | -0.66 | -2.79 | -2.75 | -10.76 |
| FSU-12 | 9.71 | 8.12 | 5.91 | 5.76 | 1.92 | 1.72 | 1.83 | 1.76 | 18.64 | 13.97 | 10.81 | 10.11 | -0.70 | -6.47 | -3.85 | -27.58 |
| Russia | 7.57 | 5.99 | 3.90 | 3.90 | 1.83 | 1.53 | 1.67 | 1.67 | 13.89 | 9.15 | 6.50 | 6.50 | 0.00 | 0.00 | -2.65 | -28.97 |
| Ukraine | 0.50 | 0.50 | 0.50 | 0.35 | 2.32 | 2.41 | 2.00 | 2.00 | 1.16 | 1.20 | 1.00 | 0.70 | -0.30 | -30.00 | -0.50 | -41.67 |
| Belarus | 1.00 | 1.02 | 1.00 | 1.00 | 3.06 | 2.93 | 2.80 | 2.40 | 3.06 | 3.00 | 2.80 | 2.40 | -0.40 | -14.29 | -0.60 | -20.00 |
| Baltic States | 0.35 | 0.42 | 0.40 | 0.38 | 2.23 | 1.98 | 2.20 | 2.00 | 0.79 | 0.83 | 0.88 | 0.76 | -0.12 | -13.64 | -0.07 | -8.54 |
| Major Exporter | | | | | | | | | | | | | | | | |
| Canada | 0.14 | 0.16 | 0.15 | 0.19 | 1.92 | 1.88 | 1.80 | 1.89 | 0.27 | 0.30 | 0.27 | 0.36 | 0.09 | 33.33 | 0.06 | 20.00 |
| Other Foreign | 3.74 | 3.97 | 4.06 | 4.05 | 2.31 | 2.64 | 2.83 | 2.86 | 8.66 | 10.47 | 11.51 | 11.58 | 0.08 | 0.65 | 1.11 | 10.62 |
| Eastern Europe | 2.27 | 2.45 | 2.48 | 2.48 | 1.98 | 2.26 | 2.49 | 2.49 | 4.51 | 5.54 | 6.18 | 6.18 | 0.00 | 0.00 | 0.64 | 11.65 |
| Hungary | 0.07 | 0.07 | 0.09 | 0.09 | 2.00 | 1.57 | 2.22 | 2.22 | 0.14 | 0.11 | 0.20 | 0.20 | 0.00 | 0.00 | 0.09 | 81.82 |
| Poland | 2.03 | 2.20 | 2.20 | 2.20 | 1.96 | 2.27 | 2.50 | 2.50 | 3.98 | 5.00 | 5.50 | 5.50 | 0.00 | 0.00 | 0.50 | 10.00 |
| Czechoslovakia | 0.09 | 0.10 | 0.10 | 0.10 | 2.90 | 3.00 | 3.50 | 3.50 | 0.26 | 0.30 | 0.35 | 0.35 | 0.00 | 0.00 | 0.05 | 16.67 |
| European Union | 1.06 | 1.07 | 1.14 | 1.14 | 3.17 | 3.73 | 3.90 | 3.99 | 3.37 | 3.99 | 4.45 | 4.55 | 0.10 | 2.25 | 0.55 | 13.87 |
| Denmark | 0.09 | 0.08 | 0.08 | 0.08 | 3.50 | 4.25 | 5.00 | 5.00 | 0.31 | 0.32 | 0.40 | 0.40 | 0.00 | 0.00 | 0.08 | 23.84 |
| France | 0.05 | 0.05 | 0.05 | 0.05 | 3.94 | 3.80 | 3.60 | 3.60 | 0.21 | 0.19 | 0.18 | 0.18 | 0.00 | 0.00 | -0.01 | -5.26 |
| Germany | 0.62 | 0.66 | 0.74 | 0.74 | 3.94 | 4.52 | 4.59 | 4.73 | 2.42 | 2.98 | 3.40 | 3.50 | 0.10 | 2.94 | 0.52 | 17.29 |
| Spain | 0.19 | 0.17 | 0.17 | 0.17 | 1.24 | 1.75 | 1.47 | 1.47 | 0.23 | 0.30 | 0.25 | 0.25 | 0.00 | 0.00 | -0.05 | -16.67 |
| Other W. Europe | 0.12 | 0.15 | 0.14 | 0.13 | 3.91 | 4.15 | 3.87 | 3.98 | 0.47 | 0.61 | 0.53 | 0.51 | -0.02 | -4.72 | -0.10 | -17.21 |
| Austria | 0.07 | 0.07 | 0.07 | 0.07 | 4.03 | 4.14 | 4.00 | 4.00 | 0.28 | 0.29 | 0.28 | 0.28 | 0.00 | 0.00 | -0.01 | -3.45 |
| Sweden | 0.03 | 0.05 | 0.04 | 0.04 | 4.12 | 4.60 | 4.13 | 4.13 | 0.14 | 0.23 | 0.17 | 0.17 | 0.00 | 0.00 | -0.07 | -28.26 |
| Turkey | 0.17 | 0.17 | 0.17 | 0.17 | 1.41 | 1.39 | 1.47 | 1.47 | 0.24 | 0.23 | 0.25 | 0.25 | 0.00 | 0.00 | 0.02 | 8.70 |
| Others | 0.12 | 0.14 | 0.14 | 0.14 | 0.65 | 0.74 | 0.73 | 0.73 | 0.08 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 | -0.00 | -1.98 |

TABLE 9
Sorghum Area, Yield, and Production
World and Selected Countries and Regions

| Country/Region | Area | | | | Yield | | | | Production | | | | Change in Production | | | |
|----------------------|------------------|---------|---------------|-------|-------------------------|---------|---------------|------|---------------------|---------|---------------|-------|----------------------|---------|----------------|---------|
| | Prel. | | 1994/95 Proj. | | Prel. | | 1994/95 Proj. | | Prel. | | 1994/95 Proj. | | From last month | | From last year | |
| | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | | | | |
| | Million hectares | | | | Metric tons per hectare | | | | Million metric tons | | | | MMT | Percent | MMT | Percent |
| World | 40.06 | 37.72 | 38.05 | 37.93 | 1.61 | 1.40 | 1.51 | 1.51 | 64.48 | 52.96 | 57.33 | 57.16 | -0.16 | -0.29 | 4.21 | 7.94 |
| United States | 4.92 | 3.84 | 3.76 | 3.76 | 4.57 | 3.76 | 4.46 | 4.29 | 22.46 | 14.42 | 16.80 | 16.13 | -0.66 | -3.95 | 1.71 | 11.83 |
| Total Foreign | 35.14 | 33.88 | 34.29 | 34.17 | 1.20 | 1.14 | 1.18 | 1.20 | 42.02 | 38.53 | 40.53 | 41.03 | 0.50 | 1.23 | 2.50 | 6.49 |
| India | 13.11 | 12.95 | 12.80 | 12.80 | 0.99 | 0.91 | 0.90 | 0.98 | 12.96 | 11.80 | 11.50 | 12.50 | 1.00 | 8.70 | 0.70 | 5.93 |
| China | 1.30 | 1.34 | 1.50 | 1.50 | 3.65 | 3.73 | 3.87 | 3.87 | 4.74 | 5.00 | 5.80 | 5.80 | 0.00 | 0.00 | 0.80 | 16.00 |
| Mexico | 0.70 | 0.60 | 0.62 | 0.62 | 3.40 | 3.40 | 3.39 | 3.39 | 2.38 | 2.04 | 2.10 | 2.10 | 0.00 | 0.00 | 0.06 | 2.94 |
| Nigeria | 4.80 | 4.60 | 4.60 | 4.60 | 0.79 | 0.80 | 0.83 | 0.83 | 3.80 | 3.70 | 3.80 | 3.80 | 0.00 | 0.00 | 0.10 | 2.70 |
| Sudan | 4.50 | 3.70 | 4.00 | 4.00 | 0.90 | 0.65 | 0.75 | 0.75 | 4.05 | 2.40 | 3.00 | 3.00 | 0.00 | 0.00 | 0.60 | 25.00 |
| Argentina | 0.72 | 0.65 | 0.70 | 0.65 | 3.95 | 3.51 | 3.57 | 3.54 | 2.83 | 2.27 | 2.50 | 2.30 | -0.20 | -8.00 | 0.03 | 1.32 |
| Australia | 0.43 | 0.50 | 0.70 | 0.70 | 1.28 | 1.51 | 2.00 | 2.00 | 0.55 | 0.76 | 1.40 | 1.40 | 0.00 | 0.00 | 0.64 | 84.94 |
| Ethiopia | 0.93 | 0.93 | 0.93 | 0.93 | 1.41 | 1.30 | 1.24 | 1.24 | 1.30 | 1.20 | 1.15 | 1.15 | 0.00 | 0.00 | -0.05 | -4.17 |
| Colombia | 0.20 | 0.24 | 0.25 | 0.25 | 3.08 | 3.00 | 3.00 | 3.00 | 0.62 | 0.72 | 0.75 | 0.75 | 0.00 | 0.00 | 0.03 | 4.17 |
| Venezuela | 0.24 | 0.25 | 0.25 | 0.25 | 2.20 | 1.80 | 1.80 | 1.80 | 0.53 | 0.45 | 0.45 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 |
| Egypt | 0.13 | 0.14 | 0.13 | 0.13 | 4.73 | 5.29 | 4.62 | 4.62 | 0.62 | 0.74 | 0.60 | 0.60 | 0.00 | 0.00 | -0.14 | -18.92 |
| Yemen | 0.61 | 0.50 | 0.50 | 0.50 | 1.00 | 1.00 | 1.00 | 1.00 | 0.61 | 0.50 | 0.50 | 0.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| Tanzania | 0.65 | 0.68 | 0.65 | 0.65 | 0.92 | 0.74 | 0.80 | 0.80 | 0.60 | 0.50 | 0.52 | 0.52 | 0.00 | 0.00 | 0.02 | 4.00 |
| Niger | 1.50 | 1.50 | 1.30 | 1.30 | 0.27 | 0.23 | 0.35 | 0.35 | 0.40 | 0.35 | 0.45 | 0.45 | 0.00 | 0.00 | 0.10 | 28.57 |
| Rep. of South Africa | 0.17 | 0.16 | 0.15 | 0.15 | 2.52 | 2.68 | 2.50 | 2.50 | 0.43 | 0.43 | 0.38 | 0.38 | 0.00 | 0.00 | -0.06 | -13.19 |
| Thailand | 0.14 | 0.15 | 0.16 | 0.16 | 1.07 | 1.20 | 1.25 | 1.25 | 0.15 | 0.18 | 0.20 | 0.20 | 0.00 | 0.00 | 0.02 | 11.11 |
| Others | 21.89 | 20.78 | 21.33 | 21.21 | 1.32 | 1.28 | 1.35 | 1.34 | 28.91 | 26.55 | 28.83 | 28.33 | -0.50 | -1.73 | 1.78 | 6.70 |

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Production Estimates & Crop Assessment Division, FAS, USDA

TABLE 10
Rice Area, Yield, and Production
World and Selected Countries and Regions

| Country/Region | Area | | | | | | Yield (Rough) | | | | | | Production (Milled) | | | | | | Change in Production | | | |
|-----------------|------------------|---------|--------|---------------|------|------|-------------------------|---------|------|---------------|------|------|---------------------|---------|--------|---------------|------|------|----------------------|----------------|-----------------|----------------|
| | Prel. | | | 1994/95 Proj. | | | Prel. | | | 1994/95 Proj. | | | Prel. | | | 1994/95 Proj. | | | From last month | | From last year | |
| | 1992/93 | 1993/94 | Aug. | 1994/95 Proj. | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | 1994/95 Proj. | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | 1994/95 Proj. | Aug. | Sep. | From last month | From last year | From last month | From last year |
| | Million hectares | | | | | | Metric tons per hectare | | | | | | Million metric tons | | | | | | MMT | Percent | MMT | Percent |
| World | 145.19 | 144.27 | 144.46 | 144.45 | | | 3.59 | 3.60 | 3.59 | 3.60 | 3.60 | 3.60 | 352.53 | 350.30 | 350.20 | 350.85 | | | 0.65 | 0.18 | 0.55 | 0.16 |
| United States | 1.27 | 1.15 | 1.34 | 1.34 | | | 6.43 | 6.18 | 6.40 | 6.47 | 6.47 | 6.47 | 5.70 | 4.96 | 5.98 | 6.04 | | | 0.06 | 0.99 | 1.09 | 21.89 |
| Total Foreign | 143.92 | 143.12 | 143.12 | 143.12 | | | 3.57 | 3.58 | 3.57 | 3.57 | 3.57 | 3.57 | 346.83 | 345.34 | 344.22 | 344.81 | | | 0.59 | 0.17 | -0.54 | -0.16 |
| Major Exporters | 16.01 | 16.35 | 16.90 | 16.90 | | | 2.37 | 2.42 | 2.41 | 2.41 | 2.41 | 2.41 | 24.03 | 24.90 | 25.70 | 25.70 | | | 0.00 | 0.00 | 0.80 | 3.21 |
| Thailand | 9.18 | 8.70 | 9.20 | 9.20 | | | 2.17 | 2.12 | 2.17 | 2.17 | 2.17 | 2.17 | 13.15 | 12.20 | 13.20 | 13.20 | | | 0.00 | 0.00 | 1.00 | 8.20 |
| Burma | 4.86 | 5.44 | 5.50 | 5.50 | | | 2.76 | 2.77 | 2.82 | 2.82 | 2.82 | 2.82 | 7.77 | 8.75 | 9.00 | 9.00 | | | 0.00 | 0.00 | 0.25 | 2.86 |
| Pakistan | 1.97 | 2.21 | 2.20 | 2.20 | | | 2.37 | 2.69 | 2.39 | 2.39 | 2.39 | 2.39 | 3.12 | 3.95 | 3.50 | 3.50 | | | 0.00 | 0.00 | -0.45 | -11.39 |
| Major Importers | 14.58 | 14.48 | 14.03 | 14.03 | | | 4.17 | 4.15 | 4.13 | 4.13 | 4.13 | 4.13 | 40.57 | 40.08 | 38.73 | 38.73 | | | 0.00 | 0.00 | -1.35 | -3.37 |
| Indonesia | 11.10 | 11.00 | 10.54 | 10.54 | | | 4.34 | 4.38 | 4.35 | 4.35 | 4.35 | 4.35 | 31.35 | 31.32 | 29.80 | 29.80 | | | 0.00 | 0.00 | -1.52 | -4.85 |
| Rep. of Korea | 1.16 | 1.14 | 1.12 | 1.12 | | | 6.27 | 5.73 | 6.10 | 6.10 | 6.10 | 6.10 | 5.33 | 4.75 | 5.00 | 5.00 | | | 0.00 | 0.00 | 0.25 | 5.26 |
| European Union | 0.36 | 0.34 | 0.34 | 0.34 | | | 5.98 | 5.74 | 5.86 | 5.86 | 5.86 | 5.86 | 1.40 | 1.28 | 1.29 | 1.29 | | | 0.00 | 0.00 | 0.01 | 0.86 |
| Iran | 0.65 | 0.65 | 0.65 | 0.65 | | | 3.46 | 3.81 | 3.70 | 3.70 | 3.70 | 3.70 | 1.50 | 1.65 | 1.60 | 1.60 | | | 0.00 | 0.00 | -0.05 | -3.03 |
| Nigeria | 0.65 | 0.68 | 0.69 | 0.69 | | | 1.28 | 1.42 | 1.21 | 1.21 | 1.21 | 1.21 | 0.50 | 0.58 | 0.50 | 0.50 | | | 0.00 | 0.00 | -0.08 | -13.79 |
| Other Foreign | 112.68 | 111.63 | 111.51 | 111.50 | | | 3.68 | 3.70 | 3.69 | 3.70 | 3.70 | 3.70 | 281.46 | 279.59 | 278.95 | 279.53 | | | 0.59 | 0.21 | -0.05 | -0.02 |
| China | 32.09 | 30.36 | 30.00 | 30.00 | | | 5.80 | 5.85 | 5.79 | 5.79 | 5.79 | 5.79 | 130.35 | 124.39 | 121.50 | 121.50 | | | 0.00 | 0.00 | -2.89 | -2.32 |
| India | 41.40 | 42.20 | 42.00 | 42.00 | | | 2.63 | 2.77 | 2.75 | 2.75 | 2.75 | 2.75 | 72.61 | 78.00 | 77.00 | 77.00 | | | 0.00 | 0.00 | -1.00 | -1.28 |
| Bangladesh | 10.16 | 10.02 | 10.00 | 10.00 | | | 2.71 | 2.67 | 2.70 | 2.70 | 2.70 | 2.70 | 18.34 | 17.87 | 18.00 | 18.00 | | | 0.00 | 0.00 | 0.14 | 0.76 |
| Vietnam | 6.51 | 6.50 | 6.50 | 6.50 | | | 3.33 | 3.52 | 3.46 | 3.46 | 3.46 | 3.46 | 14.32 | 15.10 | 14.85 | 14.85 | | | 0.00 | 0.00 | -0.25 | -1.66 |
| Japan | 2.11 | 2.14 | 2.20 | 2.20 | | | 6.28 | 4.58 | 6.18 | 6.56 | 6.56 | 6.56 | 9.62 | 7.13 | 9.90 | 10.50 | | | 0.60 | 6.06 | 3.37 | 47.29 |
| Brazil | 4.38 | 4.28 | 4.25 | 4.25 | | | 2.26 | 2.44 | 2.35 | 2.35 | 2.35 | 2.35 | 6.73 | 7.10 | 6.80 | 6.80 | | | 0.00 | 0.00 | -0.30 | -4.23 |
| Philippines | 3.24 | 3.20 | 3.40 | 3.40 | | | 2.94 | 2.93 | 2.85 | 2.85 | 2.85 | 2.85 | 6.18 | 6.10 | 6.30 | 6.30 | | | 0.00 | 0.00 | 0.20 | 3.28 |
| Taiwan | 0.40 | 0.40 | 0.40 | 0.40 | | | 5.19 | 5.50 | 5.12 | 5.12 | 5.12 | 5.12 | 1.50 | 1.64 | 1.50 | 1.50 | | | 0.00 | 0.00 | -0.14 | -8.54 |
| FSU-12 | 0.62 | 0.62 | 0.61 | 0.61 | | | 3.06 | 3.04 | 3.22 | 3.22 | 3.22 | 3.22 | 1.23 | 1.22 | 1.27 | 1.27 | | | 0.00 | 0.00 | 0.05 | 3.93 |
| Russia | 0.27 | 0.26 | 0.25 | 0.25 | | | 2.85 | 2.96 | 3.08 | 3.08 | 3.08 | 3.08 | 0.49 | 0.50 | 0.50 | 0.50 | | | 0.00 | 0.00 | 0.00 | 0.00 |
| Australia | 0.13 | 0.13 | 0.13 | 0.13 | | | 7.64 | 8.15 | 8.34 | 8.34 | 8.34 | 8.34 | 0.68 | 0.78 | 0.78 | 0.78 | | | 0.00 | 0.00 | 0.00 | 0.00 |
| Others | 11.66 | 11.78 | 12.02 | 12.02 | | | 2.83 | 2.86 | 2.91 | 2.91 | 2.91 | 2.91 | 19.89 | 20.27 | 21.05 | 21.04 | | | -0.01 | -0.06 | 0.78 | 3.83 |

TABLE 11

Total Oilseed Area, Yield, and Production

World and Selected Countries and Regions

| Country/Region | Area | | | Yield | | | Production | | | Change in Production | | | | |
|--|------------------|---------|---------------|-------------------------|---------|---------------|---------------------|---------|---------------|----------------------|---------|----------------|---------|-------|
| | Prel. | | | Prel. | | | Prel. | | | From last month | | From last year | | |
| | 1992/93 | 1993/94 | 1994/95 Proj. | 1992/93 | 1993/94 | 1994/95 Proj. | 1992/93 | 1993/94 | 1994/95 Proj. | MMT | Percent | MMT | Percent | |
| World Total 1/ Total Foreign 1/ Copra Palm Kernel | Million hectares | | | Metric tons per hectare | | | Million metric tons | | | MMT | Percent | MMT | Percent | |
| | -- | -- | -- | -- | -- | -- | 227.10 | 225.29 | 245.53 | 246.44 | 0.90 | 0.37 | 21.15 | 9.39 |
| | -- | -- | -- | -- | -- | -- | 158.69 | 167.48 | 172.73 | 172.77 | 0.04 | 0.02 | 5.29 | 3.16 |
| | -- | -- | -- | -- | -- | -- | 4.84 | 4.82 | 4.99 | 4.99 | 0.00 | 0.00 | 0.17 | 3.48 |
| Major Oilseeds 2/ United States 2/ | -- | -- | -- | -- | -- | -- | 4.00 | 4.21 | 4.40 | 4.34 | -0.06 | -1.36 | 0.13 | 3.04 |
| | 145.48 | 147.88 | 155.61 | 1.50 | 1.46 | 1.52 | 218.26 | 216.26 | 236.14 | 237.11 | 0.96 | 0.41 | 20.85 | 9.64 |
| | 29.63 | 29.79 | 32.10 | 2.31 | 1.94 | 2.27 | 68.41 | 57.81 | 72.81 | 73.67 | 0.86 | 1.19 | 15.86 | 27.43 |
| | | | | | | | | | | | | | | |
| Foreign Oilseeds 2/ China Brazil India | 115.85 | 118.09 | 123.52 | 1.29 | 1.34 | 1.32 | 149.85 | 158.45 | 163.34 | 163.44 | 0.10 | 0.06 | 4.99 | 3.15 |
| | 23.83 | 24.09 | 24.90 | 1.39 | 1.59 | 1.49 | 33.04 | 38.29 | 37.07 | 37.25 | 0.18 | 0.49 | -1.04 | -2.72 |
| | 11.93 | 12.58 | 12.95 | 1.96 | 2.01 | 1.93 | 23.38 | 25.33 | 24.99 | 24.69 | -0.30 | -1.20 | -0.64 | -2.53 |
| | 27.92 | 28.41 | 29.30 | 0.81 | 0.80 | 0.79 | 22.68 | 22.72 | 23.29 | 22.74 | -0.55 | -2.36 | 0.01 | 0.07 |
| Argentina FSU—12 Russia Ukraine | 7.64 | 8.13 | 8.64 | 1.93 | 2.02 | 1.95 | 14.76 | 16.40 | 16.83 | 16.73 | -0.10 | -0.59 | 0.32 | 1.98 |
| | 9.00 | 8.88 | 8.79 | 1.15 | 1.13 | 1.20 | 10.32 | 10.05 | 10.57 | 10.48 | -0.09 | -0.85 | 0.43 | 4.26 |
| | 3.71 | 3.66 | 3.67 | 1.01 | 0.92 | 1.01 | 3.74 | 3.35 | 3.70 | 3.80 | 0.10 | 2.70 | 0.45 | 13.43 |
| | 1.79 | 1.78 | 1.79 | 1.35 | 1.33 | 1.43 | 2.42 | 2.38 | 2.57 | 2.37 | -0.20 | -7.80 | -0.01 | -0.42 |
| Uzbekistan Turkmenistan Canada European Union | 1.67 | 1.63 | 1.50 | 1.42 | 1.52 | 1.58 | 2.38 | 2.49 | 2.37 | 2.41 | 0.04 | 1.69 | -0.08 | -3.06 |
| | 0.57 | 0.57 | 0.57 | 1.25 | 1.29 | 1.30 | 0.71 | 0.74 | 0.74 | 0.74 | 0.00 | 0.00 | -0.00 | -0.13 |
| | 3.54 | 4.86 | 6.74 | 1.53 | 1.51 | 1.39 | 5.41 | 7.33 | 9.34 | 9.84 | 0.50 | 5.35 | 2.51 | 34.24 |
| | 5.71 | 5.58 | 5.62 | 2.06 | 1.92 | 2.10 | 11.77 | 10.72 | 11.79 | 12.22 | 0.43 | 3.64 | 1.51 | 14.04 |
| France Italy Germany Spain | 1.71 | 1.44 | 1.67 | 2.33 | 2.35 | 2.34 | 3.99 | 3.38 | 3.91 | 4.31 | 0.40 | 10.10 | 0.93 | 27.43 |
| | 0.48 | 0.29 | 0.40 | 2.78 | 2.93 | 2.93 | 1.34 | 0.86 | 1.17 | 1.17 | 0.00 | 0.00 | 0.31 | 36.68 |
| | 1.07 | 1.09 | 1.16 | 2.62 | 2.81 | 2.78 | 2.79 | 3.06 | 3.22 | 3.35 | 0.13 | 4.03 | 0.29 | 9.47 |
| | 1.47 | 1.74 | 1.32 | 1.02 | 0.73 | 0.99 | 1.50 | 1.28 | 1.32 | 1.22 | -0.10 | -7.30 | -0.06 | -4.84 |
| United Kingdom Indonesia Pakistan Eastern Europe | 0.42 | 0.38 | 0.41 | 2.73 | 2.83 | 2.68 | 1.15 | 1.06 | 1.11 | 1.11 | 0.00 | 0.00 | 0.05 | 4.25 |
| | 2.07 | 2.15 | 2.19 | 1.23 | 1.25 | 1.24 | 2.54 | 2.69 | 2.73 | 2.73 | 0.00 | 0.00 | 0.04 | 1.53 |
| | 3.31 | 3.27 | 3.27 | 1.05 | 0.93 | 1.11 | 3.49 | 3.05 | 3.61 | 3.61 | 0.00 | 0.00 | 0.56 | 18.21 |
| | 2.63 | 2.45 | 2.32 | 1.50 | 1.50 | 1.65 | 3.96 | 3.67 | 3.82 | 3.77 | -0.05 | -1.31 | 0.10 | 2.84 |
| Poland Romania Hungary Turkey | 0.42 | 0.35 | 0.35 | 1.81 | 1.70 | 1.86 | 0.76 | 0.60 | 0.65 | 0.65 | 0.00 | 0.00 | 0.05 | 9.24 |
| | 0.73 | 0.67 | 0.61 | 1.02 | 1.19 | 1.24 | 0.75 | 0.79 | 0.76 | 0.76 | 0.00 | 0.00 | -0.03 | -3.91 |
| | 0.48 | 0.43 | 0.45 | 1.74 | 1.74 | 1.96 | 0.84 | 0.75 | 0.88 | 0.85 | -0.03 | -3.41 | 0.10 | 13.18 |
| | 1.41 | 1.21 | 1.35 | 1.43 | 1.47 | 1.47 | 2.02 | 1.77 | 1.98 | 1.98 | 0.00 | 0.00 | 0.21 | 11.63 |
| Philippines Paraguay Mexico Others | 0.07 | 0.07 | 0.08 | 0.74 | 0.76 | 0.72 | 0.05 | 0.06 | 0.06 | 0.06 | 0.00 | 0.00 | 0.00 | 7.27 |
| | 1.29 | 1.46 | 1.42 | 1.57 | 1.40 | 1.50 | 2.02 | 2.04 | 2.13 | 2.13 | 0.00 | 0.00 | 0.09 | 4.21 |
| | 0.45 | 0.35 | 0.53 | 1.73 | 1.85 | 1.77 | 0.77 | 0.64 | 0.94 | 0.83 | -0.11 | -11.69 | 0.19 | 29.04 |
| | 15.06 | 14.60 | 15.43 | 0.91 | 0.94 | 0.92 | 13.64 | 13.69 | 14.20 | 14.39 | 0.19 | 1.36 | 0.71 | 5.17 |

1/ Major oilseeds plus copra and palm kernel. 2/ Individual countries and regions include soybean, cottonseed, peanut (inshell), sunflowerseed, and rapeseed.

September 1994

Production Estimates & Crop Assessment Division, FAS, USDA

TABLE 12

Soybean Area, Yield, and Production

World and Selected Countries and Regions

| Country/Region | Area | | | | Yield | | | | Production | | | | Change in Production | | | |
|-----------------|------------------|---------|---------------|-------|-------------------------|---------|---------------|------|---------------------|---------|---------------|--------|----------------------|---------|----------------|---------|
| | Prel. | | 1994/95 Proj. | | Prel. | | 1994/95 Proj. | | Prel. | | 1994/95 Proj. | | From last month | | From last year | |
| | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | MMT | Percent | MMT | Percent |
| | Million hectares | | | | Metric tons per hectare | | | | Million metric tons | | | | | | | |
| World | 56.61 | 60.21 | 62.85 | 61.87 | 2.07 | 1.92 | 2.03 | 2.06 | 116.96 | 115.32 | 127.75 | 127.18 | -0.57 | -0.45 | 11.86 | 10.28 |
| United States | 23.55 | 22.84 | 24.57 | 24.57 | 2.53 | 2.15 | 2.53 | 2.57 | 59.55 | 49.22 | 62.12 | 63.03 | 0.92 | 1.48 | 13.81 | 28.06 |
| Total Foreign | 33.07 | 37.37 | 38.28 | 37.30 | 1.74 | 1.77 | 1.71 | 1.72 | 57.41 | 66.10 | 65.64 | 64.15 | -1.49 | -2.27 | -1.95 | -2.96 |
| Major Exporters | 16.51 | 17.85 | 18.08 | 17.88 | 3.34 | 2.15 | 2.12 | 2.12 | 35.45 | 38.30 | 38.35 | 37.95 | -0.40 | -1.04 | -0.35 | -0.91 |
| Brazil | 10.63 | 11.40 | 11.50 | 11.40 | 2.12 | 2.15 | 2.09 | 2.08 | 22.50 | 24.50 | 24.00 | 23.70 | -0.30 | -1.25 | -0.80 | -3.27 |
| Argentina | 4.90 | 5.40 | 5.50 | 5.40 | 2.29 | 2.22 | 2.27 | 2.30 | 11.20 | 12.00 | 12.50 | 12.40 | -0.10 | -0.80 | 0.40 | 3.33 |
| Paraguay | 0.98 | 1.05 | 1.08 | 1.08 | 1.79 | 1.71 | 1.72 | 1.72 | 1.75 | 1.80 | 1.85 | 1.85 | 0.00 | 0.00 | 0.05 | 2.78 |
| Other Foreign | 16.56 | 19.52 | 20.21 | 19.43 | 1.33 | 1.42 | 1.35 | 1.35 | 21.96 | 27.80 | 27.29 | 26.20 | -1.09 | -3.99 | -1.60 | -5.77 |
| China | 7.22 | 9.70 | 9.70 | 9.70 | 1.43 | 1.58 | 1.42 | 1.42 | 10.30 | 15.31 | 13.80 | 13.80 | 0.00 | 0.00 | -1.51 | -9.86 |
| Canada | 0.56 | 0.72 | 0.83 | 0.83 | 2.48 | 2.57 | 2.41 | 2.41 | 1.39 | 1.85 | 2.00 | 2.00 | 0.00 | 0.00 | 0.15 | 8.11 |
| Eastern Europe | 0.30 | 0.20 | 0.18 | 0.16 | 1.06 | 1.29 | 1.52 | 1.47 | 0.32 | 0.26 | 0.27 | 0.24 | -0.03 | -11.11 | -0.02 | -8.05 |
| European Union | 0.42 | 0.23 | 0.32 | 0.32 | 2.84 | 3.21 | 3.18 | 3.18 | 1.18 | 0.74 | 1.00 | 1.00 | 0.00 | 0.00 | 0.27 | 36.14 |
| India | 3.63 | 4.25 | 4.60 | 3.90 | 0.86 | 0.94 | 0.91 | 0.83 | 3.11 | 4.00 | 4.20 | 3.25 | -0.95 | -22.62 | -0.75 | -18.75 |
| Indonesia | 1.44 | 1.48 | 1.50 | 1.50 | 1.15 | 1.15 | 1.15 | 1.15 | 1.65 | 1.70 | 1.72 | 1.72 | 0.00 | 0.00 | 0.02 | 1.18 |
| FSU-12 | 0.79 | 0.75 | 0.78 | 0.78 | 0.81 | 0.86 | 0.95 | 0.95 | 0.63 | 0.65 | 0.74 | 0.74 | 0.00 | 0.00 | 0.09 | 13.60 |
| Russia | 0.65 | 0.63 | 0.65 | 0.65 | 0.78 | 0.80 | 0.92 | 0.92 | 0.51 | 0.50 | 0.60 | 0.60 | 0.00 | 0.00 | 0.10 | 20.72 |
| Ukraine | 0.10 | 0.08 | 0.08 | 0.08 | 0.78 | 1.25 | 1.13 | 1.13 | 0.08 | 0.10 | 0.09 | 0.09 | 0.00 | 0.00 | -0.01 | -10.00 |
| Mexico | 0.31 | 0.22 | 0.30 | 0.23 | 1.88 | 2.15 | 2.03 | 2.17 | 0.57 | 0.47 | 0.60 | 0.49 | -0.11 | -18.33 | 0.02 | 3.81 |
| Thailand | 0.34 | 0.35 | 0.36 | 0.36 | 1.40 | 1.28 | 1.39 | 1.39 | 0.48 | 0.45 | 0.50 | 0.50 | 0.00 | 0.00 | 0.05 | 11.11 |
| Korea, DPR | 0.34 | 0.34 | 0.34 | 0.34 | 1.18 | 1.18 | 1.18 | 1.18 | 0.40 | 0.40 | 0.40 | 0.40 | 0.00 | 0.00 | 0.00 | 0.00 |
| Japan | 0.11 | 0.09 | 0.08 | 0.08 | 1.71 | 1.16 | 1.38 | 1.38 | 0.19 | 0.10 | 0.11 | 0.11 | 0.00 | 0.00 | 0.01 | 8.91 |
| Bolivia | 0.24 | 0.27 | 0.30 | 0.30 | 1.96 | 1.93 | 1.83 | 1.83 | 0.47 | 0.52 | 0.55 | 0.55 | 0.00 | 0.00 | 0.03 | 5.77 |
| Rep. of Korea | 0.11 | 0.12 | 0.11 | 0.11 | 1.68 | 1.45 | 1.55 | 1.55 | 0.18 | 0.17 | 0.17 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 |
| Colombia | 0.05 | 0.06 | 0.06 | 0.06 | 2.11 | 2.04 | 2.12 | 2.12 | 0.10 | 0.11 | 0.13 | 0.13 | 0.00 | 0.00 | 0.02 | 13.39 |
| Others | 0.72 | 0.75 | 0.77 | 0.77 | 1.38 | 1.43 | 1.44 | 1.44 | 1.00 | 1.07 | 1.10 | 1.10 | 0.00 | 0.00 | 0.03 | 2.80 |

TABLE 13
Cottonseed Area, Yield, and Production
World and Selected Countries and Regions

| Country/Region | Area | | | | Yield | | | | Production | | | | Change in Production | | | |
|--------------------|------------------|---------|---------------|-------|-------------------------|---------|---------------|------|---------------------|---------|---------------|-------|----------------------|---------|----------------|---------|
| | Prel. | | 1994/95 Proj. | | Prel. | | 1994/95 Proj. | | Prel. | | 1994/95 Proj. | | From last month | | From last year | |
| | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | MMT | Percent | MMT | Percent |
| | Million hectares | | | | Metric tons per hectare | | | | Million metric tons | | | | MMT | Percent | MMT | Percent |
| World | 32.34 | 30.52 | 32.42 | 32.42 | 0.98 | 0.96 | 1.01 | 1.02 | 31.60 | 29.27 | 32.65 | 33.00 | 0.35 | 1.06 | 3.73 | 12.75 |
| United States | 4.51 | 5.17 | 5.40 | 5.42 | 1.25 | 1.11 | 1.25 | 1.24 | 5.65 | 5.76 | 6.78 | 6.71 | -0.07 | -0.99 | 0.95 | 16.52 |
| Total Foreign | 27.83 | 25.35 | 27.02 | 27.01 | 0.93 | 0.93 | 0.96 | 0.97 | 25.94 | 23.51 | 25.88 | 26.29 | 0.41 | 1.60 | 2.78 | 11.82 |
| China | 6.84 | 5.00 | 5.55 | 5.55 | 1.12 | 1.27 | 1.30 | 1.33 | 7.66 | 6.37 | 7.22 | 7.40 | 0.18 | 2.49 | 1.03 | 16.17 |
| FSU-12 | 2.89 | 2.82 | 2.70 | 2.70 | 1.27 | 1.36 | 1.41 | 1.42 | 3.68 | 3.84 | 3.80 | 3.84 | 0.04 | 1.05 | 0.01 | 0.21 |
| Uzbekistan | 1.67 | 1.63 | 1.50 | 1.50 | 1.42 | 1.52 | 1.58 | 1.60 | 2.37 | 2.48 | 2.36 | 2.40 | 0.04 | 1.69 | -0.08 | -3.06 |
| Turkmenistan | 0.57 | 0.57 | 0.57 | 0.57 | 1.25 | 1.29 | 1.30 | 1.30 | 0.71 | 0.74 | 0.74 | 0.74 | 0.00 | 0.00 | -0.00 | -0.13 |
| Pakistan | 2.84 | 2.80 | 2.80 | 2.80 | 1.09 | 0.94 | 1.14 | 1.14 | 3.08 | 2.62 | 3.18 | 3.18 | 0.00 | 0.00 | 0.56 | 21.20 |
| India | 7.54 | 7.32 | 7.70 | 7.70 | 0.62 | 0.56 | 0.58 | 0.58 | 4.67 | 4.10 | 4.44 | 4.44 | 0.00 | 0.00 | 0.34 | 8.32 |
| Brazil | 1.22 | 1.09 | 1.35 | 1.35 | 0.60 | 0.62 | 0.61 | 0.61 | 0.73 | 0.67 | 0.83 | 0.83 | 0.00 | 0.00 | 0.16 | 23.51 |
| Turkey | 0.64 | 0.56 | 0.57 | 0.57 | 1.40 | 1.60 | 1.59 | 1.59 | 0.89 | 0.89 | 0.91 | 0.91 | 0.00 | 0.00 | 0.01 | 1.23 |
| African Franc Zone | 1.24 | 1.17 | 1.24 | 1.28 | 0.77 | 0.75 | 0.73 | 0.82 | 0.96 | 0.88 | 0.91 | 1.05 | 0.00 | 0.00 | 0.17 | 19.75 |
| Australia | 0.26 | 0.27 | 0.28 | 0.23 | 2.02 | 1.64 | 1.50 | 1.78 | 0.53 | 0.44 | 0.42 | 0.40 | -0.02 | -4.76 | -0.04 | -9.09 |
| Egypt | 0.36 | 0.37 | 0.31 | 0.31 | 1.50 | 1.83 | 1.86 | 1.86 | 0.54 | 0.68 | 0.58 | 0.58 | 0.00 | 0.00 | -0.10 | -15.00 |
| Argentina | 0.33 | 0.50 | 0.60 | 0.60 | 0.77 | 0.81 | 0.81 | 0.81 | 0.25 | 0.40 | 0.49 | 0.49 | 0.00 | 0.00 | 0.08 | 20.84 |
| Paraguay | 0.27 | 0.37 | 0.30 | 0.30 | 0.87 | 0.54 | 0.78 | 0.78 | 0.23 | 0.20 | 0.23 | 0.23 | 0.00 | 0.00 | 0.04 | 18.18 |
| Greece | 0.28 | 0.34 | 0.37 | 0.37 | 1.57 | 1.52 | 1.46 | 1.46 | 0.43 | 0.52 | 0.54 | 0.54 | 0.00 | 0.00 | 0.02 | 4.64 |
| Syria | 0.21 | 0.20 | 0.20 | 0.20 | 2.25 | 2.22 | 2.32 | 2.32 | 0.48 | 0.44 | 0.46 | 0.46 | 0.00 | 0.00 | 0.03 | 6.42 |
| Mexico | 0.04 | 0.03 | 0.14 | 0.14 | 1.79 | 1.61 | 1.56 | 1.56 | 0.08 | 0.05 | 0.22 | 0.22 | 0.00 | 0.00 | 0.17 | 338.00 |
| Colombia | 0.12 | 0.09 | 0.12 | 0.12 | 0.97 | 1.12 | 1.03 | 1.03 | 0.12 | 0.10 | 0.12 | 0.12 | 0.00 | 0.00 | 0.02 | 23.00 |
| Sudan | 0.15 | 0.15 | 0.16 | 0.17 | 0.99 | 0.83 | 0.79 | 1.12 | 0.15 | 0.12 | 0.13 | 0.19 | 0.07 | 51.59 | 0.07 | 56.56 |
| Others | 2.62 | 2.28 | 2.63 | 2.62 | 0.57 | 0.52 | 0.53 | 0.54 | 1.48 | 1.20 | 1.40 | 1.41 | 0.01 | 0.43 | 0.21 | 17.73 |

TABLE 14
Peanut Area, Yield, and Production
World and Selected Countries and Regions

| Country/Region | Area | | | Yield | | | Production | | | Change in Production | | | | | | | |
|----------------|---------|---------|------|-------|---------|---------|------------|------|---------|----------------------|------|----------------|-----|---------|-----|---------|--|
| | Prel. | | | Prel. | | | Prel. | | | From last month | | From last year | | | | | |
| | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | MMT | Percent | MMT | Percent | |
| | | | | | | | | | | | | | | | | | |
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September 1994

Production Estimates & Crop Assessment Division, FAS, USDA

TABLE 15
Sunflowerseed Area, Yield, and Production
World and Selected Countries and Regions

| Country/Region | Area | | | | Yield | | | | Production | | | | Change in Production | | | |
|----------------------|------------------|---------|---------------|-------|-------------------------|---------|---------------|------|---------------------|---------|---------------|-------|----------------------|---------|----------------|---------|
| | Prel. | | 1994/95 Proj. | | Prel. | | 1994/95 Proj. | | Prel. | | 1994/95 Proj. | | From last month | | From last year | |
| | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | MMT | Percent | MMT | Percent |
| | Million hectares | | | | Metric tons per hectare | | | | Million metric tons | | | | | | | |
| World | 17.58 | 17.85 | 18.38 | 18.71 | 1.21 | 1.17 | 1.25 | 1.24 | 21.32 | 20.94 | 22.96 | 23.16 | 0.20 | 0.89 | 2.22 | 10.59 |
| United States | 0.84 | 1.01 | 1.33 | 1.33 | 1.41 | 1.16 | 1.40 | 1.40 | 1.18 | 1.18 | 1.87 | 1.87 | 0.00 | 0.00 | 0.69 | 58.49 |
| Total Foreign | 16.74 | 16.84 | 17.05 | 17.38 | 1.20 | 1.17 | 1.24 | 1.23 | 20.14 | 19.76 | 21.09 | 21.29 | 0.20 | 0.97 | 1.53 | 7.74 |
| FSU-12 | 4.99 | 5.02 | 5.01 | 5.21 | 1.14 | 1.05 | 1.15 | 1.08 | 5.69 | 5.30 | 5.77 | 5.64 | -0.13 | -2.25 | 0.34 | 6.48 |
| Russia | 2.89 | 2.92 | 2.90 | 3.10 | 1.06 | 0.94 | 1.03 | 1.00 | 3.07 | 2.76 | 3.00 | 3.10 | 0.10 | 3.33 | 0.34 | 12.44 |
| Ukraine | 1.64 | 1.64 | 1.65 | 1.65 | 1.39 | 1.34 | 1.45 | 1.33 | 2.28 | 2.20 | 2.40 | 2.20 | -0.20 | -8.33 | 0.00 | 0.00 |
| Argentina | 2.30 | 2.10 | 2.40 | 2.40 | 1.35 | 1.79 | 1.50 | 1.50 | 3.10 | 3.75 | 3.60 | 3.60 | 0.00 | 0.00 | -0.15 | -4.00 |
| European Union | 2.63 | 2.84 | 2.54 | 2.69 | 1.51 | 1.21 | 1.56 | 1.61 | 3.98 | 3.44 | 3.97 | 4.32 | 0.35 | 8.92 | 0.88 | 25.60 |
| France | 0.99 | 0.82 | 0.90 | 0.98 | 2.14 | 2.04 | 2.20 | 2.35 | 2.11 | 1.67 | 1.98 | 2.30 | 0.32 | 16.16 | 0.63 | 37.72 |
| Spain | 1.37 | 1.70 | 1.22 | 1.24 | 0.98 | 0.71 | 0.95 | 0.85 | 1.34 | 1.22 | 1.16 | 1.06 | -0.10 | -8.30 | -0.16 | -12.76 |
| Italy | 0.12 | 0.12 | 0.17 | 0.17 | 2.16 | 2.22 | 2.18 | 2.18 | 0.26 | 0.26 | 0.37 | 0.37 | 0.00 | 0.00 | 0.11 | 42.31 |
| Eastern Europe | 1.71 | 1.70 | 1.59 | 1.57 | 1.42 | 1.37 | 1.52 | 1.53 | 2.43 | 2.34 | 2.42 | 2.40 | -0.02 | -0.83 | 0.06 | 2.74 |
| Hungary | 0.43 | 0.39 | 0.40 | 0.40 | 1.77 | 1.79 | 2.00 | 2.00 | 0.76 | 0.70 | 0.80 | 0.80 | 0.00 | 0.00 | 0.10 | 14.29 |
| Romania | 0.56 | 0.59 | 0.56 | 0.56 | 1.10 | 1.18 | 1.25 | 1.25 | 0.62 | 0.70 | 0.70 | 0.70 | 0.00 | 0.00 | 0.00 | 0.57 |
| Yugoslavia | 0.20 | 0.20 | 0.18 | 0.16 | 1.86 | 2.00 | 2.00 | 2.13 | 0.36 | 0.40 | 0.36 | 0.34 | -0.02 | -5.56 | -0.06 | -15.00 |
| Bulgaria | 0.48 | 0.47 | 0.40 | 0.40 | 1.21 | 0.94 | 1.13 | 1.13 | 0.58 | 0.44 | 0.45 | 0.45 | 0.00 | 0.00 | 0.01 | 2.27 |
| Czechoslovakia | 0.05 | 0.05 | 0.05 | 0.05 | 2.30 | 2.00 | 2.20 | 2.20 | 0.12 | 0.10 | 0.11 | 0.11 | 0.00 | 0.00 | 0.01 | 10.00 |
| China | 0.81 | 0.71 | 0.75 | 0.75 | 1.82 | 1.77 | 1.80 | 1.80 | 1.47 | 1.25 | 1.35 | 1.35 | 0.00 | 0.00 | 0.10 | 8.00 |
| Turkey | 0.70 | 0.58 | 0.70 | 0.70 | 1.40 | 1.29 | 1.32 | 1.32 | 0.98 | 0.75 | 0.93 | 0.93 | 0.00 | 0.00 | 0.18 | 23.33 |
| India | 2.09 | 2.30 | 2.40 | 2.40 | 0.57 | 0.65 | 0.63 | 0.63 | 1.19 | 1.50 | 1.50 | 1.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| Rep. of South Africa | 0.40 | 0.38 | 0.40 | 0.40 | 0.91 | 1.10 | 0.95 | 0.95 | 0.36 | 0.42 | 0.38 | 0.38 | 0.00 | 0.00 | -0.04 | -9.52 |
| Australia | 0.06 | 0.12 | 0.16 | 0.16 | 0.83 | 0.88 | 1.00 | 1.00 | 0.05 | 0.11 | 0.16 | 0.16 | 0.00 | 0.00 | 0.06 | 52.38 |
| Burma | 0.16 | 0.15 | 0.18 | 0.18 | 0.71 | 0.59 | 0.60 | 0.60 | 0.11 | 0.09 | 0.11 | 0.11 | 0.00 | 0.00 | 0.01 | 16.67 |
| Others | 0.89 | 0.94 | 0.93 | 0.93 | 0.88 | 0.88 | 0.98 | 0.98 | 0.78 | 0.82 | 0.91 | 0.91 | 0.00 | 0.00 | 0.09 | 10.45 |

TABLE 16
Rapeseed Area, Yield, and Production
World and Selected Countries and Regions

| Country/Region | Area | | | | Yield | | | | Production | | | | Change in Production | | | |
|----------------|------------------|---------|-------|-------|-------------------------|---------|------|------|---------------------|---------|-------|-------|----------------------|---------|-------|---------|
| | Prel. | | | | Prel. | | | | Prel. | | | | From last month | | | |
| | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | MMT | Percent | MMT | Percent |
| | Million hectares | | | | Metric tons per hectare | | | | Million metric tons | | | | | | | |
| World | 19.61 | 19.80 | 22.44 | 22.49 | 1.29 | 1.35 | 1.31 | 1.33 | 25.35 | 26.73 | 29.36 | 29.94 | 0.57 | 1.96 | 3.20 | 11.99 |
| United States | 0.05 | 0.08 | 0.13 | 0.13 | 1.60 | 1.53 | 1.55 | 1.55 | 0.09 | 0.12 | 0.19 | 0.19 | 0.00 | 0.00 | 0.08 | 64.41 |
| Total Foreign | 19.56 | 19.72 | 22.31 | 22.36 | 1.29 | 1.35 | 1.31 | 1.33 | 25.26 | 26.61 | 29.17 | 29.74 | 0.57 | 1.97 | 3.13 | 11.76 |
| India | 6.31 | 6.17 | 6.20 | 6.20 | 0.77 | 0.89 | 0.86 | 0.86 | 4.87 | 5.50 | 5.35 | 5.35 | 0.00 | 0.00 | -0.15 | -2.73 |
| China | 5.98 | 5.30 | 5.70 | 5.70 | 1.28 | 1.31 | 1.30 | 1.30 | 7.65 | 6.94 | 7.40 | 7.40 | 0.00 | 0.00 | 0.46 | 6.63 |
| Canada | 2.90 | 4.06 | 5.82 | 5.82 | 1.34 | 1.33 | 1.24 | 1.32 | 3.90 | 5.40 | 7.20 | 7.70 | 0.50 | 6.94 | 2.30 | 42.59 |
| European Union | 2.31 | 2.14 | 2.36 | 2.41 | 2.62 | 2.78 | 2.64 | 2.62 | 6.06 | 5.97 | 6.22 | 6.29 | 0.07 | 1.21 | 0.32 | 5.45 |
| France | 0.69 | 0.57 | 0.68 | 0.68 | 2.64 | 2.78 | 2.54 | 2.65 | 1.81 | 1.57 | 1.73 | 1.80 | 0.07 | 4.35 | 0.23 | 14.65 |
| Germany | 1.00 | 1.01 | 1.02 | 1.07 | 2.61 | 2.83 | 2.80 | 2.67 | 2.62 | 2.85 | 2.86 | 2.86 | 0.00 | 0.00 | 0.01 | 0.35 |
| United Kingdom | 0.42 | 0.38 | 0.41 | 0.41 | 2.73 | 2.83 | 2.68 | 2.68 | 1.15 | 1.06 | 1.11 | 1.11 | 0.00 | 0.00 | 0.05 | 4.25 |
| Denmark | 0.17 | 0.16 | 0.16 | 0.16 | 2.39 | 2.54 | 2.34 | 2.34 | 0.41 | 0.42 | 0.38 | 0.38 | 0.00 | 0.00 | -0.04 | -10.07 |
| Eastern Europe | 0.61 | 0.54 | 0.54 | 0.54 | 1.97 | 1.98 | 2.08 | 2.08 | 1.20 | 1.07 | 1.13 | 1.13 | 0.00 | 0.00 | 0.06 | 5.72 |
| Poland | 0.42 | 0.35 | 0.35 | 0.35 | 1.81 | 1.70 | 1.86 | 1.86 | 0.76 | 0.60 | 0.65 | 0.65 | 0.00 | 0.00 | 0.05 | 9.24 |
| Czechoslovakia | 0.15 | 0.15 | 0.15 | 0.15 | 2.52 | 2.80 | 2.80 | 2.80 | 0.38 | 0.42 | 0.42 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 |
| FSU-12 | 0.33 | 0.29 | 0.30 | 0.30 | 0.96 | 0.92 | 0.87 | 0.87 | 0.32 | 0.27 | 0.26 | 0.26 | 0.00 | 0.00 | -0.01 | -4.06 |
| Russia | 0.18 | 0.11 | 0.12 | 0.12 | 0.93 | 0.85 | 0.83 | 0.83 | 0.16 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 4.17 |
| Sweden | 0.13 | 0.14 | 0.15 | 0.15 | 1.94 | 2.20 | 2.27 | 2.27 | 0.25 | 0.31 | 0.34 | 0.34 | 0.00 | 0.00 | 0.03 | 8.28 |
| Pakistan | 0.32 | 0.31 | 0.31 | 0.31 | 0.76 | 0.74 | 0.74 | 0.74 | 0.24 | 0.23 | 0.23 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| Bangladesh | 0.35 | 0.35 | 0.35 | 0.35 | 0.66 | 0.66 | 0.66 | 0.66 | 0.23 | 0.23 | 0.23 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| Finland | 0.07 | 0.07 | 0.07 | 0.07 | 1.80 | 1.81 | 1.81 | 1.81 | 0.12 | 0.13 | 0.13 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 |
| Others | 0.26 | 0.35 | 0.52 | 0.52 | 1.62 | 1.65 | 1.33 | 1.33 | 0.42 | 0.57 | 0.69 | 0.69 | 0.00 | 0.00 | 0.12 | 20.56 |

TABLE 17
Copra, Palm Kernel, and Palm Oil Production
World and Selected Countries and Regions

| Country/Region | Production | | | | Change in Production | | | | |
|----------------|---------------------|---------|---------------|-------|----------------------|---------|----------------|---------|-------|
| | Prel. | | 1994/95 Proj. | | From last month | | From last year | | |
| | 1992/93 | 1993/94 | Aug. | Sep. | | | | | |
| COPRA | Million metric tons | | | | MMT | Percent | MMT | Percent | |
| | World | 4.84 | 4.82 | 4.99 | 4.99 | 0.00 | 0.00 | 0.17 | 3.48 |
| | Philippines | 2.14 | 2.01 | 2.10 | 2.10 | 0.00 | 0.00 | 0.09 | 4.58 |
| | Indonesia | 1.19 | 1.27 | 1.28 | 1.28 | 0.00 | 0.00 | 0.01 | 0.79 |
| | India | 0.49 | 0.55 | 0.60 | 0.60 | 0.00 | 0.00 | 0.05 | 9.09 |
| | Mexico | 0.20 | 0.20 | 0.21 | 0.21 | 0.00 | 0.00 | 0.01 | 5.00 |
| | Sri Lanka | 0.08 | 0.07 | 0.07 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Vietnam | 0.13 | 0.13 | 0.13 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Malaysia | 0.06 | 0.05 | 0.05 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Others | 0.55 | 0.55 | 0.55 | 0.55 | 0.00 | 0.00 | 0.01 | 1.10 |
| PALM KERNEL | World | 4.00 | 4.21 | 4.40 | 4.34 | -0.06 | -1.36 | 0.13 | 3.04 |
| | Malaysia | 2.14 | 2.13 | 2.28 | 2.22 | -0.06 | -2.63 | 0.09 | 4.23 |
| | Indonesia | 0.86 | 1.03 | 1.07 | 1.07 | 0.00 | 0.00 | 0.05 | 4.39 |
| | Nigeria | 0.28 | 0.28 | 0.26 | 0.26 | 0.00 | 0.00 | -0.03 | -8.93 |
| | Cote d' Ivoire | 0.06 | 0.07 | 0.07 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Colombia | 0.07 | 0.08 | 0.08 | 0.08 | 0.00 | 0.00 | 0.00 | 5.33 |
| | Thailand | 0.06 | 0.06 | 0.07 | 0.07 | 0.00 | 0.00 | 0.01 | 18.33 |
| | Zaire | 0.03 | 0.03 | 0.03 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Ecuador | 0.02 | 0.02 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Others | 0.48 | 0.52 | 0.53 | 0.53 | 0.00 | 0.00 | 0.00 | 0.57 |
| PALM OIL | World | 13.01 | 13.41 | 14.11 | 13.91 | -0.20 | -1.42 | 0.49 | 3.68 |
| | Malaysia | 7.13 | 7.10 | 7.60 | 7.40 | -0.20 | -2.63 | 0.30 | 4.23 |
| | Indonesia | 3.25 | 3.65 | 3.80 | 3.80 | 0.00 | 0.00 | 0.15 | 4.11 |
| | Nigeria | 0.65 | 0.60 | 0.57 | 0.57 | 0.00 | 0.00 | -0.03 | -5.00 |
| | Cote d' Ivoire | 0.29 | 0.31 | 0.32 | 0.32 | 0.00 | 0.00 | 0.00 | 1.61 |
| | Colombia | 0.32 | 0.33 | 0.35 | 0.35 | 0.00 | 0.00 | 0.02 | 6.06 |
| | Thailand | 0.24 | 0.27 | 0.32 | 0.32 | 0.00 | 0.00 | 0.05 | 18.96 |
| | Zaire | 0.11 | 0.11 | 0.11 | 0.11 | 0.00 | 0.00 | 0.00 | 0.91 |
| | Ecuador | 0.14 | 0.14 | 0.14 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Others | 0.88 | 0.90 | 0.90 | 0.90 | 0.00 | 0.00 | -0.00 | -0.44 |

TABLE 18
Cotton Area, Yield, and Production
World and Selected Countries and Regions

| Country/Region | Area | | | | | | Yield | | | | | | Production | | | Change In Production | | | | |
|---------------------|------------------|---------|-------|---------------|-----------------------|---------|-------|------|-----------------------|---------------|-------|-------|------------|---------|---------------|----------------------|-----------------|---------|----------------|---------|
| | Prel. | | | 1994/95 Proj. | | | Prel. | | | 1994/95 Proj. | | | Prel. | | 1994/95 Proj. | | From Last Month | | From Last Year | |
| | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | 1992/93 | 1993/94 | Aug. | Sep. | MBales | Percent | MBales | Percent |
| | Million hectares | | | | Kilograms per hectare | | | | Million 480 lb. bales | | | | MBales | Percent | MBales | Percent | | | | |
| World | 32.62 | 30.54 | 32.43 | 32.44 | 552 | 545 | 576 | 579 | 82.71 | 76.47 | 85.79 | 86.24 | 0.44 | 0.52 | 9.76 | 12.77 | | | | |
| United States | 4.51 | 5.17 | 5.40 | 5.42 | 783 | 680 | 774 | 765 | 16.22 | 16.15 | 19.20 | 19.03 | -0.17 | -0.89 | 2.88 | 17.84 | | | | |
| Total Foreign | 28.11 | 25.36 | 27.03 | 27.02 | 515 | 518 | 536 | 542 | 66.49 | 60.33 | 66.60 | 67.21 | 0.61 | 0.92 | 6.88 | 11.41 | | | | |
| Major Exporters | 17.28 | 15.09 | 15.86 | 15.86 | 620 | 649 | 678 | 687 | 49.25 | 45.02 | 49.42 | 50.01 | 0.59 | 1.20 | 4.99 | 11.08 | | | | |
| China | 6.84 | 5.00 | 5.55 | 5.55 | 659 | 749 | 765 | 785 | 20.70 | 17.20 | 19.50 | 20.00 | 0.50 | 2.56 | 2.80 | 16.28 | | | | |
| Pakistan | 2.84 | 2.80 | 2.80 | 2.80 | 543 | 468 | 568 | 568 | 7.07 | 6.02 | 7.30 | 7.30 | 0.00 | 0.00 | 1.28 | 21.18 | | | | |
| Sudan | 0.15 | 0.15 | 0.16 | 0.17 | 395 | 360 | 408 | 487 | 0.28 | 0.24 | 0.30 | 0.38 | 0.08 | 26.67 | 0.14 | 56.38 | | | | |
| Turkey | 0.64 | 0.56 | 0.57 | 0.57 | 901 | 1038 | 1031 | 1031 | 2.64 | 2.67 | 2.70 | 2.70 | 0.00 | 0.00 | 0.03 | 1.28 | | | | |
| FSU—12 | 2.89 | 2.82 | 2.70 | 2.70 | 701 | 743 | 766 | 774 | 9.30 | 9.60 | 9.50 | 9.60 | 0.10 | 1.05 | 0.00 | 0.00 | | | | |
| Uzbekistan | 1.67 | 1.63 | 1.50 | 1.50 | 784 | 830 | 856 | 871 | 6.00 | 6.20 | 5.90 | 6.00 | 0.10 | 1.69 | -0.20 | -3.23 | | | | |
| Turkmenistan | 0.57 | 0.57 | 0.57 | 0.57 | 684 | 702 | 707 | 707 | 1.79 | 1.85 | 1.85 | 1.85 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| Other | 0.65 | 0.61 | 0.63 | 0.63 | 505 | 550 | 605 | 605 | 1.51 | 1.55 | 1.75 | 1.75 | 0.00 | 0.00 | 0.20 | 12.90 | | | | |
| Egypt | 0.36 | 0.37 | 0.31 | 0.31 | 988 | 1102 | 1124 | 1124 | 1.62 | 1.88 | 1.60 | 1.60 | 0.00 | 0.00 | -0.28 | -14.98 | | | | |
| African Franc Zone | 1.24 | 1.17 | 1.24 | 1.28 | 438 | 449 | 468 | 488 | 2.50 | 2.42 | 2.67 | 2.88 | 0.21 | 8.07 | 0.46 | 19.06 | | | | |
| Southern Hemisphere | 2.34 | 2.22 | 2.53 | 2.48 | 479 | 488 | 503 | 488 | 5.14 | 4.99 | 5.85 | 5.55 | -0.30 | -5.13 | 0.56 | 11.31 | | | | |
| Argentina | 0.33 | 0.50 | 0.60 | 0.60 | 446 | 468 | 472 | 472 | 0.67 | 1.08 | 1.30 | 1.30 | 0.00 | 0.00 | 0.22 | 20.93 | | | | |
| Australia | 0.26 | 0.27 | 0.28 | 0.23 | 1424 | 1219 | 1244 | 1258 | 1.71 | 1.50 | 1.60 | 1.30 | -0.30 | -18.75 | -0.20 | -13.33 | | | | |
| Brazil | 1.49 | 1.09 | 1.35 | 1.35 | 310 | 373 | 371 | 371 | 2.11 | 1.86 | 2.30 | 2.30 | 0.00 | 0.00 | 0.44 | 23.66 | | | | |
| Paraguay | 0.27 | 0.37 | 0.30 | 0.30 | 536 | 324 | 472 | 472 | 0.65 | 0.55 | 0.65 | 0.65 | 0.00 | 0.00 | 0.10 | 17.97 | | | | |
| Major Importers | 0.43 | 0.42 | 0.48 | 0.48 | 849 | 869 | 831 | 831 | 1.69 | 1.67 | 1.82 | 1.82 | 0.00 | 0.00 | 0.15 | 8.85 | | | | |
| Other Foreign | 10.40 | 9.85 | 10.70 | 10.69 | 326 | 301 | 313 | 313 | 15.55 | 13.64 | 15.36 | 15.38 | 0.02 | 0.13 | 1.75 | 12.81 | | | | |
| India | 7.54 | 7.32 | 7.70 | 7.70 | 316 | 286 | 294 | 294 | 10.93 | 9.60 | 10.40 | 10.40 | 0.00 | 0.00 | 0.80 | 8.33 | | | | |
| Others | 2.85 | 2.54 | 3.00 | 2.99 | 353 | 347 | 361 | 363 | 4.62 | 4.04 | 4.96 | 4.98 | 0.02 | 0.40 | 0.95 | 23.46 | | | | |

TABLE 19

The table below presents a 13-year record of the difference between the September projections and the final estimates. Using world wheat production as an example, changes between the September projection and the final estimate have averaged 11.3 million tons (2.2 percent) and ranged from -30.7 to 8.9 million tons. The September projection has been below the final 7 times and above the final 6 times.

RELIABILITY OF PRODUCTION PROJECTIONS

| COMMODITY AND REGION | PROJECTION AND FINAL ESTIMATES, 1981/82 – 1993/94 1/ | | | | | |
|-------------------------|--|-----------------------------|-------------------------------|---------|----------------|--------------------|
| | Difference | | Lowest | Highest | Below Final | Above Final |
| | Average | Average | Difference | | | |
| | Percent | --- Million metric tons --- | | | | Number of years 2/ |
| WHEAT | | | | | | |
| World | 2.2 | 11.3 | -30.7 | 8.9 | 7 | 6 |
| U.S. | 1.2 | 0.8 | -1.4 | 2.5 | 6 | 7 |
| Foreign | 2.5 | 11.2 | -30.9 | 7.8 | 7 | 6 |
| COARSE GRAINS 3/ | | | | | | |
| World | 1.5 | 12.1 | -39.4 | 20.9 | 10 | 3 |
| U.S. | 3.9 | 8.0 | -19.9 | 26.0 | 9 | 4 |
| Foreign | 1.5 | 8.7 | -19.5 | 9.1 | 8 | 5 |
| RICE (Milled) | | | | | | |
| World | 2.2 | 7.1 | -24.1 | 3.4 | 11 | 2 |
| U.S. | 4.8 | 0.2 | -0.5 | 0.4 | 8 | 5 |
| Foreign | 2.3 | 7.1 | -24.4 | 3.6 | 11 | 2 |
| SOYBEANS | | | | | | |
| World | 2.9 | 2.8 | -6.8 | 4.7 | 7 | 6 |
| U.S. | 4.6 | 2.4 | -4.6 | 4.6 | 7 | 6 |
| Foreign | 5.2 | 2.5 | -5.0 | 4.6 | 6 | 7 |
| | | | --- Million 480-lb. bales --- | | | |
| COTTON | | | | | | |
| World | 4.3 | 3.4 | -10.9 | 9.5 | 7 | 6 |
| U.S. | 4.5 | 0.6 | -1.9 | 1.7 | 6 | 6 |
| Foreign | 4.7 | 3.2 | -11.2 | 9.8 | 6 | 7 |
| UNITED STATES | | | ----- Million bushels ----- | | | |
| CORN | 4.2 | 290 | -709 | 885 | 8 | 5 |
| SORGHUM | 4.6 | 33 | -69 | 81 | 7 | 6 |
| BARLEY | 2.8 | 13 | -29 | 36 | 7 | 6 |
| OATS | 4.9 | 15 | -19 | 44 | 4 | 8 |

1/ The final estimate for 1981/82–1992/93 is defined as the first November estimate following the marketing year.

2/ May not total 13 if projection was the same as the final.

3/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.

September 1994

Production Estimates and Crop Assessment Division, FAS, USDA

WORLD AGRICULTURAL WEATHER HIGHLIGHTS

SEPTEMBER 12, 1994



1 - CANADA

Dry weather persisted into early September in the southwestern Prairies, but most crops were beyond the need of rain. Scattered showers benefited immature northern grains and oilseeds, but by month's end, drier weather was needed for harvests. Recent frost, while somewhat early, likely had little, if any impact on maturing crops.

2 - UNITED STATES

Cooler weather slowed the rate of crop development in most major eastern crop areas. Timely rains fell over the Corn Belt but did not eliminate all the dry pockets. Hot, mostly dry weather stressed crops from west Texas into west coastal States and maintained forest fires into September.

3 - SOUTH AMERICA

August and early September rains favored reproductive wheat in southern Brazil and vegetative wheat in Argentina. Seasonably dry weather favored citrus, coffee, and sugarcane harvesting in August across south-central Brazil, but September rains are needed.

4 - EUROPE

August rains alleviated dryness for immature grains, oilseeds, and sugarbeets. The moisture slowed small grain harvesting in the north. The corn harvest got underway by early September, with mostly light showers in France and Romania.

5 - FSU-WESTERN

Recent dryness in northern Russia favored grain harvesting delayed by persistent cool, wet weather in August. Continued drought in eastern Ukraine and southern Russia adversely affected summer crops. Rain since late-August in western and southern Ukraine eased drought.

6 - FSU-NEW LANDS

Above-normal August precipitation in Russia and Kazakhstan benefited filling spring grains. Continued cold weather in Russia slowed crop maturation. Recent dryness in Kazakhstan favored harvesting.

7 - SOUTH ASIA

Widespread monsoon rains covered nearly all major crop areas. Conditions were too wet for soybean development, and some rice areas incurred flooding. Unseasonable rain since late August raised concern for cotton in southern Pakistan. In contrast to the wetness, a drying trend through mid August reduced moisture in major sorghum and sugarcane areas of the south, although rain the past two weeks has brought some relief.

8 - EASTERN ASIA

Recent rains eased dryness in east-central China, South Korea, and Japan. Near normal rains favored filling summer crops across the North China Plain and Manchuria. Near to above normal August rains exacerbated flooding across southern China.

9 - SOUTHEAST ASIA

Showers were widespread throughout Indochina, and were especially welcomed for central Thailand's secondary grain and sugarcane. However, two tropical storms since late August have hit northern Vietnam, where 5-10 percent of the total crop awaits harvest. Elsewhere, the drought continued in Java but showers picked up over the Philippines in late August, benefiting rice and sugarcane.

10 - AUSTRALIA

Rain brought some relief to portions of drought-stricken eastern Australia, but substantial rain is needed. The southern wheat areas were becoming dry while adequate moisture existed across the west.

WEATHER BRIEFS

AUSTRALIA: DROUGHT CONTINUES IN EAST

From August 12 through September 12, 1994, drought continued across the winter wheat growing areas of Queensland and northern New South Wales. Dryness stressed winter grains which normally enter the heading stage during September. Drought during July and early August caused a reduction in planted area and hindered wheat establishment. In South Australia, Victoria, and southern New South Wales, soil moisture was mostly adequate for winter grains during August and early September. However, more rain will be needed to maintain yield potentials as grains resume growth during September. Across Western Australia, rainfall was widespread but somewhat light, averaging about 5 to 15 millimeters per week during August 12 through September 12, maintaining adequate moisture for winter wheat.

Temperatures in the east were below-normal to normal during much of August, limiting the negative effects of the drought. However, during late August and early September, average temperatures were 2 to 5 degrees Celsius above normal, increasing evapotranspiration and exacerbating crop stress. Temperatures in the west were normal to above-normal during much of August, but had little negative impact on winter grains.

CHINA: TROPICAL STORMS AND TYPHOONS BRING WIDESPREAD RAIN

From August 7 through September 12, 1994, widespread and moderate-to-heavy rain across China, eased dryness in central and eastern provinces, benefited summer crops in the north, and continued the threat of flooding in the south. During the week of August 7 - 13, rainfall was widespread across Manchuria and the eastern North China Plain. Amounts were 10 to 50 millimeters with isolated amounts exceeding 100 millimeters. Scattered showers (10 to 30 millimeters) eased dryness across the lower Yangtze Valley. Portions of southern China continued to be very wet, with rainfall that week ranging from 50 to 150 millimeters. The following week, August 14 - 20, Typhoon Ellie brushed eastern China and produced beneficial showers (10 to 70 millimeters) across Zhejiang and Jiangsu. Ellie then hit southern Liaoning and remnants of the storm produced 20 to 130 millimeters of rain across all but western Manchuria, causing some flooding but for the most part benefiting corn and soybeans. Wetness in the south caused concerns of additional flooding and damage to late double-crop rice.

Typhoon Fred hit eastern China (southeastern Zhejiang) on August 21 and caused damage to coastal crops. During the week of August 21 - 27, remnants of Fred produced widespread showers (15 to 75 millimeters, with isolated amounts greater than 100 millimeters) across the southern portions of the North China Plain and lower Yangtze Valley easing dryness. Moderate-to-heavy showers (25 to 100 millimeters) fell across central China, benefiting summer crops. Tropical Storm Harry hit Hainan Island and brought moderate-to-heavy rain to the island and already wet southern Guangdong. That week, in Manchuria, light-to-moderate rain (15 to 40 millimeters) kept soils moist for summer crops, but slowed the spring wheat harvest. During the week of August 28 through September 3, 1994, moderate-to-heavy rain (50 to 100 millimeters) fell in Sichuan, and moderate rain extended from Anhui to eastern Hubei. That week, Typhoon Gladys hit northern Fujian with soaking rains (50 to 100 millimeters), while remnants of Tropical Storm Harry produced moderate-to-heavy showers (25 to 65 millimeters) across already wet Guangdong and Guangxi.

MEXICO: AUGUST RAINFALL BENEFITS SUMMER CROPS

During July, virtually all major crop areas in Mexico received below normal rainfall, with the main corn belt receiving 40 to 80 percent of normal rainfall. However, during August and early September, rainfall was slightly below normal in the west and near-normal to normal in the east. From July 31 through September 3, 1994, frequent and widespread rain covered the Southern Plateau corn belt with weekly amounts ranging from 10 to 75 millimeters. This moisture boosted corn, sorghum, and other summer crop yield potentials. These crops advanced during this period from late vegetative growth into the reproductive and filling stages. By early September, the earliest summer crops are mature in the Southern Plateau. While benefiting immature crops, the September rainfall slowed early harvest activities. The eastern corn belt and Yucatan also benefited from increased rainfall during August and early September. Rainfall averaged 10 to 50 millimeters per week in these areas and helped summer crops which were mostly germinating and in vegetative growth.

PRODUCTION BRIEFS

AUSTRALIA: WHEAT AREA AND PRODUCTION FORECAST LOWER IN 1994/95

Australian wheat production for 1994/95 is forecast at 11.0 million tons, down 39 percent from last year. Harvested area is estimated down 13 percent from last season, at 8.3 million hectares, and yield is estimated at 1.33 tons per hectare, down 29 percent from 1993/94. The decreases are mainly due to prolonged drought in the eastern States of New South Wales and Queensland. Moreover, recent dry weather in Victoria and South Australia is stressing the established crop.

Growing conditions have been poor across the nation's wheat region with the exception of Western Australia. In New South Wales and Queensland, wheat plantings were cut sharply this year as planting rains failed to develop. Rain has been scarce throughout the season, resulting in poor plant germination and establishment. In the southern States of Victoria and South Australia, sufficient rains were received at planting, but rainfall was below normal during July and August which stressed the crops. Normal rainfall is necessary over the next two months to stabilize yield potential. In Western Australia, the wheat crop is in good condition due to timely, adequate rainfall. If the rains continue, yield prospects will be better than average. Last year, Western Australia produced 40 percent of the total wheat crop; New South Wales, 30 percent; South Australia, 13 percent; Victoria, 12 percent; and Queensland, 4 percent.

Note: On September 13, the day after the U.S. Department of Agriculture issued its forecast, an Australian Bureau of Agriculture and Resource Economics (ABARE) report estimated wheat production at 10.4 million tons from 8.2 million hectares.

BRAZIL: ORANGE CROP ESTIMATE REVISED DOWNWARD

The estimate for Brazil's 1994 orange crop (harvested May through December 1994) has been revised downward, to 14.28 million tons, by the U.S. agricultural officer in Sao Paulo. This is 82,000 tons below the previous forecast and 204,000 tons below the revised 1993 production estimate of 14.48 million tons. The estimate for Brazil was reduced because of lower-than-anticipated production in orange areas outside of Sao Paulo due to dry weather. The 1994 orange production estimate for Sao Paulo is unchanged at 12.24 million tons (300.0 million 40.8 kilogram boxes).

WORLD CENTRIFUGAL SUGAR PRODUCTION

The estimate for 1994/95 world centrifugal sugar production is 114.0 million tons (raw value), 2 percent below the preliminary forecast made in May 1994 (WAP 5-94), but 3 percent more than the revised 1993/94 total of 110.6 million tons. Record output of 116.4 million tons was achieved in 1991/92. Sugar harvested from sugarcane is forecast at 76.7 million tons, up 10 percent from 1993/94. Sugar harvested from sugarbeets is forecast at 37.3 million tons, down 6 percent from last season.

The revised 1993/94 production estimate of 110.6 million tons is down 1.6 million from the preliminary forecast released in May 1994. The major revisions for 1993/94 are: India, down 750,000 tons to 11.6 million; China, down 800,000 tons to 6.8 million; and Cuba, down 300,000 tons to 4.0 million. Partially offsetting these reductions was a 230,000-ton increase in Russia which boosted production to 2.7 million tons.

WORLD CENTRIFUGAL SUGAR PRODUCTION

(1,000 Metric tons)

| | 1992/93 | 1993/94 | 1994/95 As of 5/94 | As of 9/94 |
|---------------------------|---------|---------|--------------------------|---------------|
| Western Hemisphere | | | | |
| Argentina | 1,350 | 1,080 | 1,240 | 1,240 |
| Brazil | 9,800 | 9,900 | 10,400 | 10,400 |
| Colombia | 1,796 | 1,827 | 1,950 | 1,950 |
| Cuba | 4,280 | 4,000 | 4,500 | 3,500 |
| Guatemala | 1,104 | 1,147 | 1,180 | 1,180 |
| Mexico | 4,330 | 3,930 | 4,000 | 4,000 |
| United States 1/ | 7,051 | 6,831 | 6,958 | 7,112 |
| European Union 2/ | 17,089 | 17,427 | 16,450 | 15,810 |
| France | 4,723 | 4,772 | 4,400 | 4,300 |
| Germany | 4,401 | 4,750 | 4,400 | 4,100 |
| Italy | 2,032 | 1,543 | 1,720 | 1,720 |
| Netherlands | 1,250 | 1,228 | 1,300 | 1,100 |
| Spain | 1,037 | 1,343 | 1,160 | 1,160 |
| United Kingdom | 1,600 | 1,561 | 1,400 | 1,400 |
| Eastern Europe | | | | |
| Poland | 1,567 | 2,270 | 1,900 | 1,850 |
| FSU – 12 | | | | |
| Russia | 2,540 | 2,700 | 2,300 | 2,100 |
| Ukraine | 3,965 | 4,190 | 4,000 | 3,800 |
| Africa | | | | |
| Egypt | 1,015 | 1,050 | 1,070 | 1,070 |
| South Africa | 1,600 | 1,244 | 1,700 | 1,800 |
| Middle East | | | | |
| Turkey | 2,124 | 2,250 | 2,200 | 2,200 |
| Asia | | | | |
| China | 8,300 | 6,800 | 7,830 | 6,500 |
| India 3/ | 12,470 | 11,600 | 14,400 | 14,400 |
| Indonesia | 2,300 | 2,480 | 2,600 | 2,600 |
| Pakistan | 2,562 | 3,120 | 3,020 | 3,300 |
| Philippines | 2,060 | 1,880 | 2,000 | 2,000 |
| Thailand | 3,750 | 4,000 | 4,400 | 4,700 |
| Oceania | | | | |
| Australia | 4,367 | 4,460 | 4,560 | 4,900 |
| Others | 16,593 | 16,425 | 17,642 | 17,613 |
| WORLD | 112,013 | 110,611 | 116,300 | 114,025 |

1/ Does not include Puerto Rico. 2/ Total EU sugar production excludes French Overseas Departments. 3/ Includes khandsari sugar in thousands of tons (raw value equivalent) as follows: 1992/93 – 1,100; 1993/94 – 1,100; 1994/95 – 750.

CANADA: FIELD CROP PRODUCTION ESTIMATED BY STATISTICS CANADA

Dry weather in parts of the Canadian Prairies has resulted in lower production prospects for several grain crops, according to a Statistics Canada report released August 24, 1994. However, most of the decline in production is due to an 8-percent reduction in total grain area, from 19.51 million hectares to 17.99 million. In addition, total grain yields are estimated lower than last year.

Wheat production is estimated at 23.72 million tons, down 15 percent from a year ago and the lowest level since 1988. Despite the decline in total wheat production, durum production is estimated at 4.49 million tons, an increase of 34 percent versus a year ago. Barley production is estimated at 12.46 million tons, down 6 percent from last year. However, oat production is estimated at 3.86 million tons, up 7 percent, and rapeseed at a record 8.10 million, up 50 percent. In addition, rapeseed area is estimated at a record 5.8 million hectares.

| Year | Wheat | Barley | Oats | Rapeseed |
|-------------------|-------|--------|--------------|----------|
| | ----- | ----- | Million tons | ----- |
| 1994/95 <u>1/</u> | 23.72 | 12.46 | 3.86 | 8.10 |
| 1993/94 <u>2/</u> | 27.80 | 13.30 | 3.60 | 5.40 |
| 1992/93 <u>2/</u> | 29.87 | 10.92 | 2.82 | 3.69 |

1/ Statistics Canada forecast.

2/ USDA estimate.

POLAND: VARIABLE LEVIES FOR PORK REDUCED

A seasonal shortage of hogs available for slaughter has prompted the Polish Government to reduce the variable levies for imported pork, according to the U.S. agricultural attache in Warsaw. The lower levies are expected to induce increased imports and help stabilize prices. The shortage of slaughter hogs stems from lower inventories at the start of 1994 and the early-summer drought which altered the normal pattern of slaughter. In contrast, shorter supplies of cattle at slaughter plants signal that the dry spell has ended and that recent rainfall has improved pastures enough that farmers are no longer forced to sell cows and young stock for lack of forage. Government forecasts show supplies of slaughter hogs returning to normal later this fall.

RUSSIA: LIVESTOCK RESULTS REPORTED BY GOVERNMENT

Russian meat production for the first six months of 1994 totaled 4.4 million tons (liveweight basis), down 10 percent compared to the same period in 1993, according to the U.S. agricultural counselor in Moscow citing a government statistical report. Milk production was reported at 23.5 million tons, 8 percent below the January/June period of 1993. Cattle numbers as of July 1, 1994 were reported at 50.9 million head, 7 percent below July 1993. July 1 hog numbers were cited at 28.6 million head, down 9 percent; sheep and goat numbers were reported at 47.3 million head, down 19 percent.

With respect to livestock holdings by type of ownership, private farmers have increased their holdings of cattle, maintained their holdings of hogs, and slightly reduced their stocks of sheep and goats. In contrast, livestock holdings by the former State and collective farms have declined for every livestock category because livestock production is no longer profitable for large farms.

CENTRAL AMERICA: DROUGHT REDUCES CORN PRODUCTION

The corn production estimates for Guatemala, El Salvador, Honduras, and Nicaragua have been reduced this month due to drought during the main-season growing period. In Costa Rica, the impact of the drought was minimal. The main-season corn crop (cultivated June through September) represents between 85 and 90 percent of the region's total corn production. The remaining 10 to 15 percent is grown from October through December. Rainfall during the latter half of August was received too late to help the main-season crops, but will aid in increasing second-season plantings.

In Guatemala, which was the least affected by the regional drought, corn production is estimated at 1.25 million tons, down slightly from 1993/94. Although there is a slight year-to-year increase in the estimated harvested area of 0.80 million hectares, yield is down 3 percent, to 1.56 tons per hectare, due to the dry weather, especially in the southwest along the border with Honduras. Local corn prices have risen in anticipation of crop damage.

In El Salvador, corn production is estimated at 0.49 million tons, down 22 percent from last season. Harvested area is estimated at 0.30 million hectares, slightly below last year's level, and yield is projected at 1.63 tons per hectare, down 19 percent from a year ago due to dryness in the eastern growing regions. The U.S. agricultural attache stationed in Guatemala City, while on a crop survey trip during mid-August, observed reduced vegetative growth and corn tasseling at a much earlier stage than normal. Corn prices have risen on the local market by more than 60 percent since June.

In Honduras, corn production is estimated at 0.50 million tons, down 19 percent from last year. Harvested area is estimated at 0.36 million hectares, down 14 percent from 1993/94, and yield is estimated at 1.39 tons per hectare, down 5 percent from last year. Precipitation in the southern, central, and parts of the northern region was well below normal during the rainy season, which normally begins in May or June. The Government of Honduras has authorized corn imports of 23,000 tons. Unlike past years, most of the imports likely will be white corn for human consumption.

In Nicaragua, corn production is estimated at 0.18 million tons, down 28 percent from 1993/94. Harvested area is estimated at 0.2 million hectares, down slightly from last year, and yield is estimated down 17 percent from last season, to 0.90 tons per hectare. The drought hit particularly hard in the prime western agricultural region where nearly 90 percent of the growers are subsistence farmers. If the second season rains continue, area may be increased in order to partially offset the reduction in the first-season crop.

UNITED KINGDOM: ASPARAGUS PRODUCTION SMALL BUT GROWING

Production of fresh asparagus in the United Kingdom is small, but growing. In 1993, production totaled 1,800 tons, up 63 percent from the volume produced in 1987. The main growing areas are in Scotland and the English counties of Norfolk, Cambridge, Cornwall, and Kent. Asparagus production in the United Kingdom is almost entirely of the green type.

HUNGARY: FORESTRY SECTOR CONTINUES TO UNDERGO CHANGES

Expansion in Hungary's forestry sector has been slow because the country's dry climate and low elevation are not ideal for forestry, according to the U.S. agricultural counselor reporting from Vienna. Forested area has increased gradually, from 1.6 million hectares in 1980 to an estimated 1.8 million in 1994, which constitutes approximately 19 percent of the total land area of 9.3 million hectares.

In 1991, most of the forest area belonged to the State and was managed by 16 State-owned companies. Approximately 500,000 hectares were owned by agricultural cooperatives with less than 100,000 hectares held by private owners. Due to the property restructuring programs ongoing between 1992 and 1994, much of the cooperatives' holdings and about 200,000 hectares of State-owned forest land have been or are in the process of being privatized.

Annual timber fellings have been getting smaller since 1989 due to declining demand for forest products. However, a reversal of this trend is anticipated in 1994 as roundwood fellings increase 3 percent, to nearly 4.9 million CUM. This increase reflects rising demand for hardwood for private use.

The construction and furniture sectors are the primary downstream consumers of domestic wood. Activity in these sectors has fallen off sharply in recent years as the economic transition and the ongoing recession stifled demand. Hence, in 1994, softwood production--the mainstay of the construction industry--is forecast down 4 percent, to 110,000 CUM, and no production increase is forecast for softwood plywood. Particleboard production, which is utilized primarily by the furniture industry, is forecast at 300,000 CUM, down 12 percent from 1993. However, a marginal production increase, to 700,000 CUM, is forecast for temperate hardwoods due to continuing demand by private homebuilders for oak and beech flooring.

HUNGARY: FOREST AREA AND PRODUCTION

(1,000 Hectares/1,000 Cubic meters)

| | <u>1992</u> | <u>1993</u> | <u>1994</u> <u>1/</u> |
|------------------------------------|-------------|-------------|-----------------------|
| FOREST AREA | 1,712 | 1,764 | 1,800 |
| ROUNDWOOD HARVEST | 5,338 | 4,697 | 4,850 |
| Softwood Logs and Lumber | 116 | 115 | 110 |
| Temperate Hardwood Logs and Lumber | 707 | 698 | 700 |
| Softwood Plywood | 14 | 12 | 12 |
| Particleboard | 202 | 336 | 300 |

1/ Preliminary.

POLAND: FORESTRY SITUATION IMPROVING

Poland's total forest area is growing by approximately 60,000 hectares annually as a result of massive postwar reforestation. Currently, forests cover 8.7 million hectares, or about 28 percent of Poland's total land area. This is moderately lower than the European average of 32 percent. Approximately 82 percent of the forest area is government-owned; the remaining 18 percent is privately-owned.

There are 28,000 tracts of forest land in Poland's dispersed forest system, of which over 6,000 stands are under five hectares each. The national forest system accounts for about 1.3 billion cubic meters (CUM) of the total standing timber stock of 1.5 billion CUM. The northeastern, northwestern, and far western regions are the "centers" of the timber industry, with forest stands covering 40 percent of the total area.

The quantity of standing timber has doubled over the past 35 years. Since 1967, the average amount of timber per hectare has grown from 140.0 CUM to 191.0 CUM. During the same period, the share of tree stands older than 80 years expanded from 17 to 22 percent. The annual growth rate in Polish forests is approximately 3.5 CUM per hectare, 20 percent below the maximum potential estimated by the State Forest Management Department (SFMD). Moreover, the share of softwood species in Polish forests has declined from 87 percent in 1945 to 78 percent in 1992 due to the consumers' growing preference for hardwood species.

The 1994 roundwood harvest is forecast at 22.4 million hectares, up slightly from 1993, but significantly above the SFMD's sustainable cut level of 19.5 CUM mainly because there are no limits on fellings from private forests. Despite the increase in fellings, supplies of high-quality wood are insufficient to meet domestic and export demand.

Production of wood products declined sharply following Poland's transformation to a market economy in 1989, but the situation began to improve in 1992 as demand from the construction, furniture, packaging, and transportation industries strengthened. The table below details the upturn in Poland's forestry sector since 1992.

POLAND: FOREST AREA AND PRODUCTION

(1,000 Hectares/1,000 Cubic meters)

| | <u>1992</u> | <u>1993</u> | <u>1994</u> <u>1/</u> |
|---------------------------|-------------|-------------|-----------------------|
| AREA | 8,717 | 8,720 | 8,725 |
| HARVEST | 22,037 | 22,200 | 22,400 |
| Softwood Logs | 15,399 | 15,500 | 15,570 |
| Temperate Hardwood Logs | 5,239 | 5,500 | 5,776 |
| Softwood Lumber | 3,600 | 3,700 | 3,750 |
| Temperate Hardwood Lumber | 520 | 520 | 530 |
| Softwood Plywood | 36 | 38 | 38 |
| Particleboard | 1,000 | 1,100 | 1,200 |

1/ Preliminary.

ROMANIA: FORESTRY SECTOR IN DECLINE

The Romanian Government has established a forestation policy which annually allocates financial reserves for forest conservation and reforestation of the country's 6.3 million hectares of forest area. The annual growth rate is approximately 5.6 cubic meters (CUM) per hectare, down about 25 percent since 1990 mainly due to drought.

Roundwood fellings prior to 1992 exceeded the sustainable cutting rate (about 14.5 million CUM), resulting in a deficit of mature stock (i.e., trees over 80 years of age). Beginning in 1992, fellings dropped below the sustainable cutting rate due to conservation restrictions, rising production costs, harvesting difficulties caused by outmoded equipment and fuel shortages, and the poor state of the infrastructure.

As a result of severe budget restrictions following the breakup of the Soviet Bloc and Romania's transition to a market economy, the demand for wood and wood products began trending downward. Additionally, large State industrial projects and housing construction have been put on hold, further lowering the demand for lumber, panel products, flooring, and furniture. As evidenced by the table below, output in the forestry sector has been and will continue to decline in line with the downturn in demand.

ROMANIA: FOREST AREA AND PRODUCTION

(1,000 Hectares/1,000 Cubic meters)

| | <u>1992</u> | <u>1993</u> | <u>1994</u> <u>1/</u> |
|---------------------------|-------------|-------------|-----------------------|
| AREA | 6,253 | 6,250 | 6,245 |
| HARVEST | 14,486 | 13,215 | 12,500 |
| Softwood Logs | 6,371 | 5,868 | 5,500 |
| Temperate Hardwood Logs | 8,115 | 7,347 | 7,000 |
| Softwood Lumber | 992 | 964 | 930 |
| Temperate Hardwood Lumber | 821 | 673 | 600 |
| Softwood Plywood | 103 | 91 | 88 |
| Particleboard | 353 | 277 | 260 |

1/ Preliminary.

UNITED KINGDOM: LIVESTOCK EXPORTS THREATENED BY ANIMAL WELFARE CONCERNS

In response to concerns about animal welfare, three major ferry companies have said they will stop transporting live animals from the United Kingdom (U.K.) to other EU countries, according to the U.S. agricultural counselor in London. These three companies are responsible for nearly all of the U.K.'s exports of slaughter animals to other EU countries. A major airline company also has announced that it will no longer transport live animals destined for slaughter. During 1993, an estimated 540,000 calves, 420,000 hogs, and 2.0 million sheep were shipped from the U.K. to other EU countries. Any loss of export markets for live animals is likely to mean lower prices for U.K. producers.

The transportation stoppage is expected to lead to negotiations for a new code of practices for livestock transport throughout the EU. At issue is the fact that the U.K. generally has higher standards for transporting live animals than do other EU countries. Reportedly, the U.K.'s Minister of Agriculture receives more mail on the subject of animal welfare than on any other subject.

UNITED STATES: CROP PROGRESS AND CROP CONDITIONS

The National Agricultural Statistics Service (NASS) of the U.S. Department of Agriculture conducted objective yield and farm operator surveys between August 22 and September 2 to gather information on expected yield as of September 1, 1994. The objective yield surveys for wheat, corn, soybeans, and cotton were conducted in the major producing States that usually account for at least 80 percent of U.S. production. On September 12, NASS released the U.S. crop production forecasts. Tables 1 - 18 in this circular detail the U.S. forecasts by commodity.

Corn production for 1994/95 is estimated at 235.1 million tons, up 1.1 million from last month and up 46 percent from 1993/94. Rice production is estimated at a record 6.0 million tons, up 0.1 million from last month and up 22 percent from last season. Soybean production is estimated at a record 63.0 million tons, up 0.9 million from last month and up 28 percent from the previous year. Cotton production is estimated at a record 19.0 million bales, down 1 percent from last month, but up 18 percent from 1993/94.

At the beginning of August, crop progress was ahead of the average for all crops despite below-normal temperatures in the eastern states, and hot, dry weather in the western states throughout the month of July. August started with cotton bolls opening and the completion of the winter wheat harvest. Early in August, beneficial rains fell in parts of the Corn Belt, but did not eliminate all the dry pockets during the crucial grain and pod-filling stages of development. Cool weather lessened the amount of moisture required by the crops and slowed crop growth, but did not drop the crop progress below the average.

Continuing rains hampered field activities in the southeastern states. By mid-August, dry pockets remained in parts of the Corn Belt. Warmer weather in the Great Lakes region improved crop growth and maturation. Clear weather at mid-month allowed the small grains harvest to advance in the Great Plains. The continued lack of rain delayed winter wheat planting in the West. In late-August, rains fell along the Delta and Gulf Coast regions delaying the rice harvest. As August ended, soybeans finished setting pods and began dropping leaves.

UNITED STATES: CROP PROGRESS AND CROP CONDITIONS

The U.S. National Agriculture Statistics Service released the following crop progress and crop condition report for the week ending September 11, 1994.

U.S. CROP PROGRESS

| | <u>1994</u> | <u>1993</u> | <u>AVERAGE</u> |
|---------------------------|-------------|-------------|----------------|
| WINTER WHEAT: % planted | 13 | 10 | 10 |
| SPRING WHEAT: % harvested | 90 | 52 | 80 |
| SOYBEANS: % drop leaves | 23 | 8 | 18 |
| CORN: % harvested | 5 | 4 | 6 |
| CORN: % dent | 90 | 56 | 71 |
| CORN: % mature | 33 | 14 | 28 |
| COTTON: % bolls opening | 51 | 53 | 48 |
| SORGHUM: % harvested | 26 | 25 | 25 |
| RICE: % harvested | 36 | 26 | 31 |

U.S. CROP CONDITIONS

| | <u>SOYBEANS</u> PERCENT | | <u>SORGHUM</u> PERCENT | |
|-----------|----------------------------|-------------|---------------------------|-------------|
| | <u>1994</u> | <u>1993</u> | <u>1994</u> | <u>1993</u> |
| EXCELLENT | 12 | 6 | 5 | 11 |
| GOOD | 62 | 41 | 56 | 53 |
| FAIR | 23 | 40 | 33 | 33 |
| POOR | 3 | 11 | 5 | 3 |
| VERY POOR | 0 | 2 | 1 | 0 |

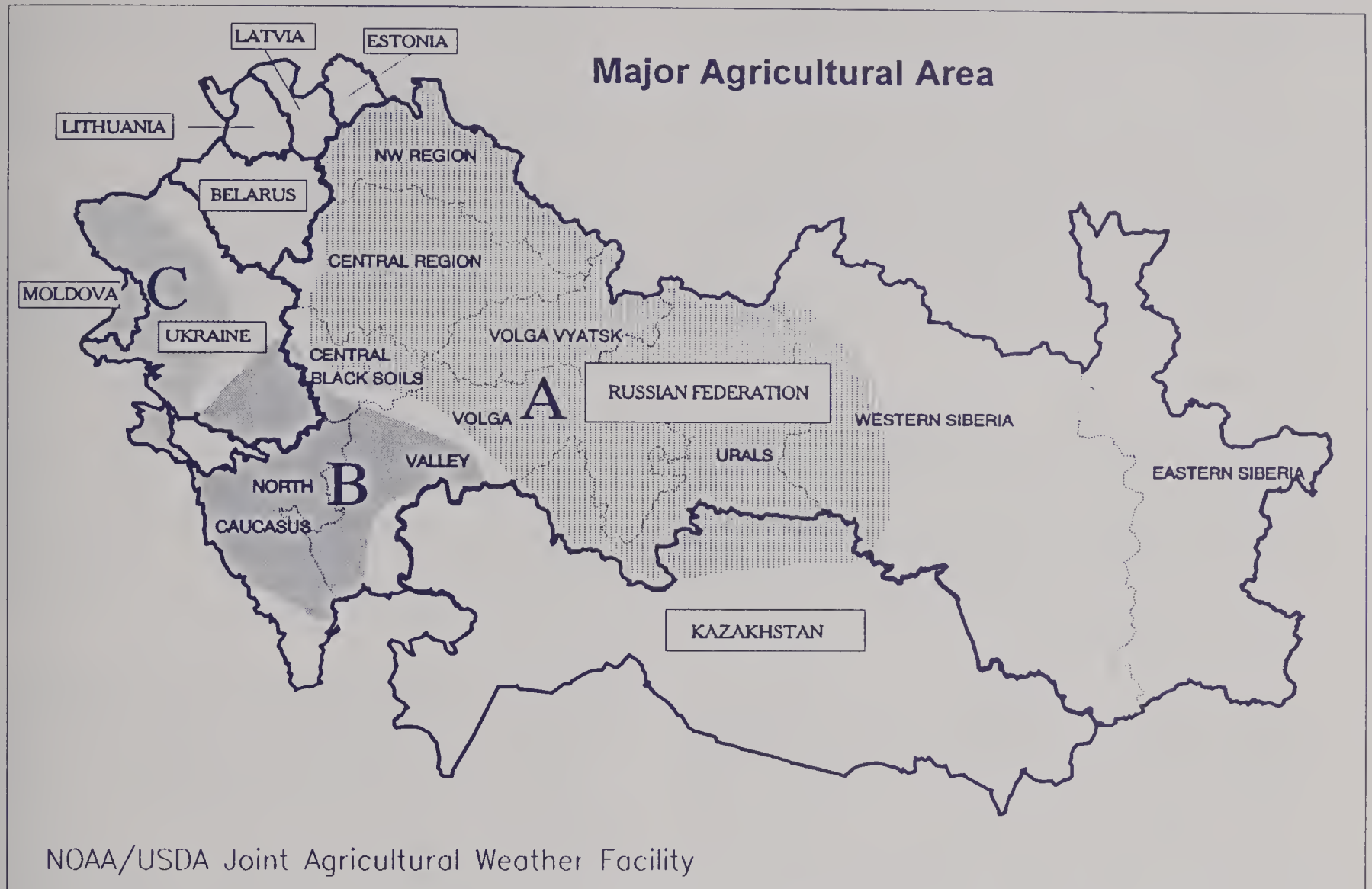
| | <u>COTTON</u> PERCENT | | <u>RICE</u> PERCENT | | <u>CORN</u> PERCENT | |
|-----------|--------------------------|-------------|------------------------|-------------|------------------------|-------------|
| | <u>1994</u> | <u>1993</u> | <u>1994</u> | <u>1993</u> | <u>1994</u> | <u>1993</u> |
| EXCELLENT | 6 | 2 | 10 | 1 | 21 | 7 |
| GOOD | 49 | 52 | 82 | 72 | 63 | 46 |
| FAIR | 38 | 37 | 8 | 26 | 14 | 32 |
| POOR | 6 | 9 | 0 | 1 | 2 | 12 |
| VERY POOR | 1 | 0 | 0 | 0 | 0 | 3 |

FORMER SOVIET UNION: WEATHER AND CROP DEVELOPMENT

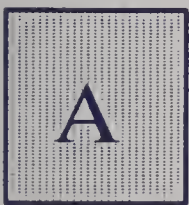
In crop areas west of the Ural mountains, frequent showers accompanied unseasonably cool weather from August 10-20 over northern Russia (Northwest Region, Central Region, Volga Vyatsk, and upper Volga Valley), slowing spring grain harvesting. However, generally dry weather since August 21 in these areas improved conditions for harvesting. In the Baltic States and Belarus, dry weather in early-August was replaced by cooler, wetter weather that began around August 10 and continued until month's end. Further south, unfavorable dryness continued in August over major corn producing areas in the North Caucasus and lower Volga regions of Russia, causing further deterioration in conditions for filling corn. In southwestern Ukraine and Moldova, moderate-to-heavy rain from August 26-28 slowed further deterioration of drought-stressed corn and recharged topsoil moisture for upcoming winter wheat planting. Since early-September, showers over the Baltic States, Belarus, and western Ukraine slowed harvesting, but continued to recharge soil moisture. In Russia, although dry weather favored harvesting, rain is needed in southern areas where drought has limited moisture for winter wheat planting.

In crop areas east of the Volga Valley, spring grains were still ripening in the northern Urals region of Russia, where crop development continued to be slowed by cold, excessively wet weather in August. Near-to above-normal precipitation in August favored filling spring grains in Kazakhstan and Western Siberia in Russia. Since early-September, dry weather over the Urals and Kazakhstan favored grain maturation and harvesting, while rain over Western Siberia delayed the harvest.

FORMER SOVIET UNION



Highlights: August 11 - September 9, 1994



Persistent cool, wet weather slows spring grain ripening and harvest, but recent drier weather improves harvest conditions.



Continued drought adversely affects corn in the filling stage. Rain is needed for winter wheat planting.



Moderate to heavy rain in late-August slows further deterioration of drought-stressed corn and replenishes topsoil moisture for winter wheat planting.

FEATURE COMMODITY ARTICLES

TREE NUT PRODUCTION IN SELECTED COUNTRIES

Production of tree nuts in selected countries for 1994/95 is forecast to increase primarily due to potentially record almond production and large hazelnut crops in Italy and Turkey. The preliminary forecast for pistachio production during 1994/95--excluding the United States--is down for the first time since the 1989/90 season due to off-year cycles in Italy and Turkey. Walnut production is forecast down in 1994/95 because of smaller crops in China and the United States.

ALMONDS

The high production levels forecast for the United States and Spain during 1994/95 will boost the combined output for the six countries surveyed to a record 434,800 tons (shelled basis). Production increases also are forecast for Italy and Morocco. In Greece, the crop is expected to be down 10 percent from last year.

Greece: Almond production during the 1994/95 season is forecast at 18,000 tons, down from the record 20,000 tons harvested in 1993/94. The decline is primarily the result of an off-year in the alternate bearing cycle. However, over the past six years, better orchard care and plantings of new varieties have resulted in generally higher output and better kernel quality.

Italy: Almond production for 1994/95 is forecast at 19,000 tons, up 27 percent from 1993/94 mainly due to favorable weather, adequate rainfall, and an on-year in the alternate bearing cycle. However, the trend has been toward declining production levels during the past two decades. In the late-1960's, output averaged over 40,000 tons; in recent years, harvests have ranged from 12,000 to 20,000 tons.

Harvested area continues to trend downward--from 112,418 hectares in 1993/94 to an estimated 109,000 hectares in 1994/95. To hold down costs, uprootings have increased in recent years, thereby eliminating the outlays associated with maintaining old, minimally productive trees.

Additionally, strong competition from Spain and California have reduced profits, erasing the growers' primary incentive for proper orchard maintenance.

Morocco: Sweet almond production is forecast at 10,500 tons, up 48 percent from the 1993/94 drought-reduced crop of 7,113 tons. Thus far, weather during the 1994/95 growing season has been excellent with abundant rainfall.

Almond trees are found throughout Morocco. The most intensive production areas are located near the cities of Fes and Meknes in north-central Morocco. Yields in these areas are generally high because of proper fertilizer use, adequate irrigation, and modern management practices. However, in other areas, Morocco's average almond yield is low due to weather and soil variation between producing areas, outdated cultivation techniques, and aging trees. The most widely used almond varieties in the intensive production areas are Marcona, Texas, Furnat, Desmayo, and Nec Ultra Plus.

For the third consecutive year, the Ministry of Agriculture has announced that it will distribute free seedlings to growers. The Ministry's original goal was to increase planted area by 10 percent per year for a 5-year period. Based on the program's past performance, it appears unlikely that this goal will be met. Planted area in 1994/95 is forecast to increase only 3 percent over 1993/94, to 91,000 hectares. Planted area increased only 2 percent between 1992/93 and 1993/94.

Spain: Almond production in 1994/95 is forecast at 81,000 tons, up 8 percent from 1993/94. This preliminary assessment may be too high if dry weather and high temperatures in the Mediterranean and East Andalusia producing areas continue to adversely affect the crop.

The area planted to almonds for 1994/95 remains unchanged at 605,000 hectares, of which 500,000 hectares are bearing. Nearly half of Spain's almond area is located in the Valencia and Andalusia regions. Catalonia, Murcia, Aragon, and Castilla-La Mancha account for the remainder. Marcona, Desmayo Largueta, Desmayo Rojo, and Comuna are the most important varieties, comprising about 60 percent of the total crop.

Turkey: Almond production for 1994/95 is forecast at 16,000 tons, the same as the revised

production estimate for 1993/94, but slightly larger than the 1992/93 crop of 15,700 tons. The estimated number of bearing trees increased slightly, from 3.98 million in 1992/93 to 4.10 in 1994/95.

Turkey continues to improve crop quality by continually developing and upgrading local varieties as well as integrating orchards with imported stock of new, higher-yielding varieties. Additionally, grafting is being used more extensively not only to improve quality but also delay the onset of the spring bloom, since late frosts are a problem in Turkey.

United States: Almond output in 1994/95 is forecast at 290,300 tons, up 31 percent from 1993/94's revised total of 222,260 tons. Bearing acreage is estimated at 165,925 hectares, up slightly from the 162,690 hectares in production during the 1993/94 season.

Compared with 1993/94, this year's crop appears to be in excellent condition with a high degree of uniformity. The bloom was good, which resulted in a large fruit set, but smaller kernel sizes.

ALMOND PRODUCTION IN SELECTED COUNTRIES
(1,000 Metric tons - Shelled basis)

| <u>Country</u> | <u>1990/91</u> | <u>1991/92</u> | <u>1992/93</u> | <u>1993/94</u> | <u>1994/95 1/</u> |
|-------------------|----------------|----------------|----------------|----------------|-------------------|
| Greece | 15.5 | 11.0 | 16.0 | 20.0 | 18.0 |
| Italy | 19.0 | 11.0 | 18.0 | 15.0 | 19.0 |
| Morocco <u>2/</u> | 8.7 | 9.9 | 8.2 | 7.1 | 10.5 |
| Spain | 57.0 | 64.5 | 72.0 | 75.2 | 81.0 |
| Turkey | 15.0 | 15.3 | 15.7 | 16.0 | 16.0 |
| United States | 299.4 | 222.3 | 248.6 | 222.3 | 290.3 |
| Total | 414.6 | 334.0 | 378.5 | 355.6 | 434.8 |

1/ Preliminary.

2/ Sweet almonds only.

HAZELNUTS

Preliminary assessments put 1994/95 hazelnut (filbert) production in the four countries surveyed at 657,600 tons (inshell basis), up 53 percent from 1993/94, but 9 percent below 1992/93. The upturn reflects potentially large production increases in Italy and Turkey.

Italy: Hazelnut production for 1994/95 is forecast at 130,000 tons, up 63 percent from 1993/94. After two consecutive years of small crops--the second off-year caused by drought--production will return to a level comparable to previous on-years in the production cycle. Since Italy's hazelnut area is not projected to change significantly in the near future, weather and the alternate bearing cycle will be the key factors in subsequent production analyses.

Italy's hazelnut area is concentrated in four regions: Campania (34 percent); Sicily (24 percent); Latium (28 percent); and Piedmont (11 percent). The hazelnut industry is the only tree nut sector in Italy which can be considered vital, although it is being increasingly challenged by strong competition from Turkey in both the domestic and foreign markets.

Spain: Hazelnut production is forecast at 30,400 tons, more than double the 1993/94 crop of 12,800 tons and 47 percent higher than the previous 5-year average, but 15 percent below the record 35,800 tons harvested during the 1979/80 season. Sufficient rainfall in Catalonia, where 95 percent of the crop is produced, and an on-year in the alternate bearing cycle are the main reasons for the increase in output.

Turkey: Production of hazelnuts in 1994/95 is forecast at 480,000 tons, up 60 percent from 1993/94. Favorable growing conditions during the spring bloom suggested the potential for another record crop similar to the 580,000 tons harvested in 1992/93. However, hot, dry weather during June and July reduced production prospects.

The number of bearing trees in Turkey was trending upward until 1993/94 when tree numbers reached a high of 270.0 million. However, at the end of the 1993/94 season, the Minister of Agriculture declared that hazelnut orchards established on flat valleys would be removed and farmers encouraged to grow alternative crops. When implemented, this policy will halt the establishment of new orchards on flat lands and eventually reduce annual output by 10 to 20 percent, i.e., the percentage of the crop currently produced on flat lands.

The 1994/95 support price for unshelled hazelnuts was announced in August at TL 45,000 (US\$1.44) per kilogram. In Turkish lira, this price is more than triple the 1993/94 price of TL 14,200 (US\$1.23). However, because inflation runs over 70 percent in Turkey, the difference in U.S. dollars is 17 percent.

United States: Hazelnut production in 1994/95 is forecast at 17,200 tons, down 54 percent from 1993/94's record crop of 37,200 tons and 31 percent below 1992/93. Several factors figure in the smaller crop forecast, including the light spring bloom, heavy pruning, and the alternate bearing cycle. However, average kernel sizes are expected to be the second largest on record.

HAZELNUT PRODUCTION IN SELECTED COUNTRIES
(1,000 Metric tons - Inshell basis)

| <u>Country</u> | <u>1990/91</u> | <u>1991/92</u> | <u>1992/93</u> | <u>1993/94</u> | <u>1994/95 1/</u> |
|----------------|----------------|----------------|----------------|----------------|-------------------|
| Italy | 80.0 | 140.0 | 90.0 | 80.0 | 130.0 |
| Spain | 21.2 | 18.0 | 26.4 | 12.8 | 30.4 |
| Turkey | 430.0 | 400.0 | 580.0 | 300.0 | 480.0 |
| United States | 19.7 | 23.1 | 25.1 | 37.2 | 17.2 |
| Total | 550.9 | 581.1 | 721.5 | 430.0 | 657.6 |

1/ Preliminary.

PECANS

Mexico: Pecan production in 1994/95 is forecast at 27,400 tons (inshell basis), 28 percent below 1993/94, mainly because this season is an off-year in the alternate bearing cycle. The number of bearing trees increased to an estimated 2.4 million in 1994/95, up 4 percent from 1993/94 and 9 percent above 1992/93. This rate of growth is projected to continue for the next 3 to 5 years, given the intensive planting that took place during the late-1980's and early-1990's in response to high U.S. prices for pecans.

Mexico is the second largest pecan producer in the world. The northern states of Chihuahua, Coahuila, Durango, Nuevo Leon, and Sonora are

ideal for pecan production because they have high light intensity, deep, well-drained soils, and adequate water supplies. The main pecan producing state is Chihuahua, which accounts for approximately 60 percent of total production.

The dominant pecan varieties grown in Mexico are Western and Wichita, which together account for about 80 percent of new-variety production. The Western is the most important variety because it thrives in Mexico's hot, dry climate and can remain vital with only minimal maintenance. In addition to the new varieties, there are native varieties, but yields and kernel percent for the native types are significantly lower than for improved types. Yields for the improved varieties in Chihuahua can be as high as 1.5 tons per

hectare, while yields for native varieties tend to be around 0.5 tons per hectare.

The quality of the 1994/95 pecan crop is reportedly average. Because of the large outturn in 1993/94, nuts this season appear to have light-weight meat. Any pecan over 50 percent kernel is considered a high-quality pecan. The improved varieties in Mexico average around 55 percent kernel, which is considered exceptional. Additionally, the lighter the kernel color, the higher the quality. Northern Mexico's dry conditions are nearly perfect for lightening kernel color.

United States: Pecan output in 1994/95 is forecast at 94,801 tons, down 43 percent from 1993/94, but up 26 percent from 1992/93. Excessive rains in the Southeast, a severe ice storm in the South, and an off-year in the alternate bearing cycle contributed to the reduced crop.

PISTACHIOS

Pistachio production for 1994/95 in the four foreign countries surveyed is forecast at 53,500 tons (inshell basis), down 33 percent from 1993/94 due to off-year crops in Turkey and Italy. The 1994/95 forecast does not include production for the United States because an estimate for the U.S. crop will not be available until January 1995. Production data for Iran, the world's largest producer, are not available.

Greece: Pistachio production during 1994/95 is forecast at 4,200 tons, up 2 percent from 1993/94. Favorable weather, coupled with improved orchard care are the main reasons for the increase. Additionally, harvested area is expected to expand from 4,750 hectares in 1993/94 to 4,800 hectares in 1994/95.

Italy: Pistachio production is forecast to drop from 4,000 tons in 1993/94 to 300 tons in 1994/95 due to the old Sicilian tradition of radically pruning trees every other year. Thus, substantive crops are obtained only every other year. Italy's pistachio production is concentrated almost exclusively on the slopes of Mount Etna, with a limited amount produced in southern Sicily.

Strong competition from Iran in world markets is affecting domestic pistachio prices, which are presently at levels much lower than a year ago. Currently, inshell pistachios are valued around 5,000 lire (US\$3.22) per kilogram, while prices of peeled pistachios are the equivalent of about 17,000 lire (US\$10.93) per kilogram, c.i.f. northern European destinations. These prices are about 20 percent less than this time last year.

Syria: Pistachio production in 1994/95 is forecast at a record 24,000 tons, up 9 percent from last season. The crop would probably have been larger if the trees had received adequate spring rainfall. Consequently, the increase mainly reflects additional trees entering into production. Total bearing tree numbers for 1994/95 are estimated at 4.8 million, up from 4.3 million in 1993/94, with another 8.2 million still maturing.

Syria's Ministry of Agriculture and Agrarian Reform encourages pistachio production by selling seedlings at nominal prices. Pistachios are grown in areas that are usually not suitable for other crops or are intercropped with figs, olives, and grape vines.

Turkey: Pistachio production for 1994/95 is forecast at 25,000 tons, half the size of the record crop harvested in 1993/94. The downturn is due to lower yields because of the hot, dry summer and an off-year in the alternate bearing cycle.

On August 12, 1994, the Government announced that the 1994/95 support price for pistachios would be TL 80,000 (US\$2.56) per kilogram of dry inshell pistachios with red peel. This compares to last year's support price of TL 40,000 (US\$2.30)--inflation of over 70 percent in Turkey is the reason for the exchange rate difference. For the first time, the support price for the large, round Siirt type pistachios, estimated to be 10 to 15 percent of the total crop, is different at TL 90,000 (US\$2.88) per kilogram.

United States: An estimate for the U.S. crop will not be available until January 1995. The final estimate for 1993/94 is 68,900 tons--higher than normal following the large crop in 1992/93. One reason for the upturn in output was a 2-percent increase in bearing area, to 21,732 hectares.

PISTACHIO PRODUCTION IN SELECTED COUNTRIES
(1,000 Metric tons - Inshell basis)

| <u>Country</u> | <u>1990/91</u> | <u>1991/92</u> | <u>1992/93</u> | <u>1993/94</u> | <u>1994/95 1/</u> |
|----------------|----------------|----------------|----------------|----------------|-------------------|
| Greece | 2.6 | 2.3 | 4.6 | 4.1 | 4.2 |
| Italy | 0.3 | 3.0 | 0.3 | 4.0 | 0.3 |
| Syria | 20.0 | 14.4 | 20.0 | 22.0 | 24.0 |
| Turkey | 14.0 | 45.0 | 20.0 | 50.0 | 25.0 |
| Subtotal | 36.9 | 64.7 | 44.9 | 80.1 | 53.5 |
| United States | 54.4 | 34.9 | 66.7 | 68.9 | NA |
| Total | 91.3 | 99.6 | 111.6 | 149.0 | NA |

1/ Preliminary.

NA = Not available. A U.S. production estimate will not be available from the National Agricultural Statistics Service until January 1995.

NOTE: Iran is excluded from this report because current, verifiable information is not available.

WALNUTS

Walnut production for 1994/95 in the seven countries surveyed is forecast at 513,600 tons (inshell basis), down 8 percent from the record 558,800 tons produced last season. The two largest producers, China and the United States, are projected to have production downturns in 1994/95 of 9 and 15 percent, respectively.

Chile: The preliminary assessment of Chile's 1993/94 walnut crop (harvested March through April) was released in February 1994 (WAP 2-94). That production estimate remains unchanged at 10,000 tons inshell, up 5 percent from the 1992/93 crop of 9,500 tons, due to favorable weather throughout the growing season. The forecast for the 1994/95 season is 11,000 tons, up 10 percent from 1993/94, due to an increase in bearing tree numbers.

Chile's walnut area appears to have leveled off at just under 7,000 hectares, following a steady decline from 7,630 hectares in 1981/82. The downturn over the last decade occurred as aging walnut orchards were replaced with fruit trees which provide higher profits and a more rapid return on investment.

China: Walnut production in 1994/95 is forecast to decline 9 percent, to 175,000 tons, following the record 1993/94 crop of 192,159 tons. Last year's record output was the result of a combination of factors: an increase in the number of bearing trees, improved tree management, and the fact that it was the peak year of a 3-year production cycle. Since there is usually a downturn following a bumper crop, production is forecast to decline in 1994/95, although the decrease will be mitigated by new trees reaching maturity. Because of the volume of trees planted but not yet bearing, average annual production increases of 5 to 6 percent are forecast for the next 4 to 5 years.

France: Production of walnuts in 1994/95 is forecast at 26,000 tons, up 39 percent from 1993/94. The sharp increase can be attributed to three factors: a downward revision in the 1993/94 estimate, to 18,700 tons, because of larger-than-expected fruit losses resulting from excessive rain and hail; an increase in bearing tree numbers; and the normal upturn in production following a small crop. The long-term outlook is for further expansion in this sector, particularly since the area planted to walnuts in 1994/95 is forecast to increase for the fifth consecutive year, to 17,000 hectares.

India: Walnut production is forecast to increase 10 percent in 1994/95, to 23,000 tons. The upturn is mainly due to adequate moisture during the bloom and fruit formation periods coupled with an on-year in the alternate bearing cycle.

The area planted to walnuts in the major producing state of Jammu and Kashmir has remained unchanged at 35,200 hectares for the past several years, but harvested area has increased as more trees came into production. Continued civil unrest has disrupted orchard maintenance. However, favorable growing conditions have offset the immediate impact of orchard neglect.

Italy: Preliminary assessments indicate that Italy will harvest 13,000 tons of walnuts in 1994/95, down 19 percent from last year and a continuation of the gradual downward trend in walnut production. Planted and harvested areas, estimated at 6,000 and 5,000 hectares, respectively, continue to decline as trees age and

little replanting is done. Most of Italy's walnut trees are old and marginally productive--a situation that is not likely to change in the near future.

Turkey: Production of walnuts is forecast at 66,000 tons in 1994/95, up slightly from the frost-reduced harvest of 1993/94, but equal to the volume harvested in 1992/93. The number of bearing trees is forecast at 3.5 million, up 2 percent from 1993/94 and 4 percent greater than in 1992/93. Additionally, more trees are being planted because of the growing demand for walnut wood by the furniture manufacturing sector. There are only a few established walnut orchards in Turkey. However, walnut trees can be found in most parts of the country.

United States: Based on objective survey data, U.S. walnut output for 1994/95 is forecast at 199,600 tons, down 15 percent from 1993/94's record outturn of 235,900 tons. The average nut set per tree is estimated down 14 percent from 1993, with 95.6 percent sound kernels inshell.

WALNUT PRODUCTION IN SELECTED COUNTRIES
(1,000 Metric tons - Inshell Basis)

| <u>Country</u> | <u>1990/91</u> | <u>1991/92</u> | <u>1992/93</u> | <u>1993/94</u> | <u>1994/95</u> <u>1/</u> |
|----------------|----------------|----------------|----------------|----------------|--------------------------|
| Chile | 8.4 | 8.5 | 9.5 | 10.0 <u>2/</u> | 11.0 <u>2/</u> |
| China | 149.6 | 151.6 | 163.9 | 192.2 | 175.0 |
| France | 24.6 | 16.6 | 24.0 | 18.7 | 26.0 |
| India | 20.0 | 18.0 | 23.5 | 21.0 | 23.0 |
| Italy | 18.0 | 12.0 | 22.0 | 16.0 | 13.0 |
| Turkey | 65.0 | 67.0 | 66.0 | 65.0 | 66.0 |
| United States | 205.9 | 235.0 | 184.2 | 235.9 | 199.6 |
| Total | 491.5 | 508.7 | 493.1 | 558.8 | 513.6 |

1/ Preliminary.

2/ Estimated data.

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EUROPEAN UNION GRAIN PRODUCTION SITUATION

Total grain production (excluding rice) in the European Union (EU) for 1994/95 is projected at 160.5 million tons, down 2 percent from last year's crop of 163.0 million tons. Overall, grain yields are estimated to be lower than last year, with an average yield of 4.99 metric tons per hectare. The 1994/95 harvested area is forecast at 32.2 million hectares, up slightly from last season.

This season, growing conditions have been variable throughout most of Western Europe. Fall planting conditions in most of Europe were hampered by excessive rainfall, causing some producers to seed beyond the optimal planting window--with the exception of the Iberian Peninsula which experienced hot, dry conditions. During the winter and spring, rainfall was abundant with temperatures near-normal, except for northern Germany which experienced a seven-week drought. Conditions during the summer were less favorable for spring planted crops, but more favorable for the harvest of winter grains, especially in the United Kingdom and France. Hot, dry weather in August hastened winter grain harvesting throughout most of Europe, but stressed corn and some spring barley. As of September 12, the grain harvest was virtually complete except for corn, which is just beginning.

Wheat: Production in the EU for 1994/95 is estimated at 81.9 million tons, 2 percent above last season's 80.3 million-ton crop. Yield is projected at 5.26 metric tons per hectare, a slight increase over last year. Harvested area is estimated up 2 percent from a year ago, at 15.6 million hectares, with the largest area increases in France and Spain. Generally, growing conditions were favorable with adequate moisture and mild temperatures except in Spain and northern Germany. In Spain, hot, dry weather has prevailed since last summer, with production estimated at 4.8 million tons, a decrease of 4 percent from last year, but an increase of 10 percent over the drought-reduced crop of 1992/93. Production in France is estimated at 30.0 million tons, an increase of 1 percent from a year ago.

Barley: Production for 1994/95 is projected at 40.4 million tons, down 5 percent from last year's 42.5 million. Yield is estimated at 4.02 metric tons per hectare, 4 percent lower than a year ago. Barley area is estimated at 10.1 million hectares, down slightly from last season and the lowest in the past decade. Spring barley sowings have fallen because of low yields and reduced prices relative to winter barley and wheat. Wheat and, to some extent, oilseeds have replaced the spring barley area. Germany and France are the two major barley producers in the EU, with Germany's production forecast at 10.9 million tons and France at 8.0 million tons.

Corn: Production for 1994/95 is projected at 26.7 million tons, down 8 percent from last year's crop of 29.0 million. Yield is estimated to be lower than a year ago at 7.67 metric tons per hectare, a decrease of 4 percent. Corn harvested area is estimated at 3.5 million hectares, down 4 percent from last season. Corn production in France is estimated at 13.0 million tons, down 14 percent from 1993/94 due to lower area and hot, dry weather during August.

Oats: Production is projected at 4.1 million tons in 1994/95, down 2 percent from a year ago. Yield is estimated to be slightly lower than last season at 3.11 metric tons per hectare. However, harvested area is estimated to be virtually unchanged from 1993/94, at 1.3 million hectares. Area sown to oats in the EU has been declining since the large plantings of the early 1970's.

Rye: Production for 1994/95 is projected at 4.5 million tons, up 14 percent from last year. Yield is estimated at 3.99 tons per hectare, an increase of 7 percent from a year ago. Harvested area is estimated at 1.1 million hectares, an increase of 7 percent from last season. Area tends to be small since rye is not as price competitive as other crops. Rye is traditionally grown on less fertile soils except in the case of contract sowing for processors. Germany is by far the largest producer with 3.5 million tons for 1994/95.

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TABLE 20

EU-12 GRAIN AREA (1,000 Hectares)

| | 83/84 | 84/85 | 85/86 | 86/87 | 87/88 | 88/89 | 89/90 | 90/91 | 91/92 | 92/93 | 93/94 | 94/95 |
|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Barley | | | | | | | | | | | | |
| Bel-Lux | 154 | 152 | 135 | 147 | 140 | 137 | 125 | 107 | 89 | 91 | 88 | 90 |
| Denmark | 1,359 | 1,180 | 1,104 | 1,078 | 943 | 1,165 | 988 | 910 | 944 | 892 | 720 | 750 |
| France | 2,140 | 2,117 | 2,248 | 2,075 | 1,967 | 1,862 | 1,810 | 1,770 | 1,742 | 1,798 | 1,600 | 1,400 |
| Germany | 2,924 | 2,872 | 2,831 | 2,842 | 2,740 | 2,710 | 2,625 | 2,613 | 2,535 | 2,408 | 2,200 | 2,100 |
| Greece | 312 | 334 | 326 | 284 | 267 | 220 | 225 | 245 | 185 | 180 | 135 | 140 |
| Ireland | 304 | 294 | 298 | 283 | 276 | 266 | 263 | 237 | 193 | 190 | 177 | 175 |
| Italy | 383 | 434 | 468 | 465 | 445 | 450 | 471 | 467 | 472 | 450 | 436 | 400 |
| Netherlands | 37 | 34 | 39 | 42 | 50 | 63 | 50 | 40 | 42 | 34 | 40 | 40 |
| Portugal | 83 | 84 | 72 | 73 | 70 | 63 | 69 | 67 | 65 | 67 | 66 | 70 |
| Spain | 3,735 | 4,023 | 4,246 | 4,340 | 4,352 | 4,175 | 4,260 | 4,359 | 4,371 | 4,012 | 3,480 | 3,800 |
| United Kingdom | 2,143 | 1,978 | 1,965 | 1,917 | 1,831 | 1,913 | 1,662 | 1,529 | 1,390 | 1,309 | 1,180 | 1,100 |
| EU-12 | 13,574 | 13,502 | 13,732 | 13,546 | 13,081 | 13,024 | 12,548 | 12,344 | 12,028 | 11,431 | 10,122 | 10,065 |
| Corn | | | | | | | | | | | | |
| Bel-Lux | 5 | 8 | 7 | 8 | 6 | 7 | 7 | 7 | 10 | 9 | 11 | 20 |
| France | 1,654 | 1,730 | 1,857 | 1,869 | 1,737 | 1,995 | 1,910 | 1,600 | 1,774 | 1,863 | 1,860 | 1,700 |
| Germany | 170 | 186 | 183 | 193 | 201 | 209 | 219 | 229 | 283 | 296 | 330 | 340 |
| Greece | 171 | 205 | 207 | 201 | 245 | 228 | 180 | 162 | 219 | 170 | 100 | 100 |
| Italy | 986 | 961 | 923 | 849 | 768 | 843 | 804 | 768 | 859 | 854 | 932 | 900 |
| Netherlands | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 8 | 5 | 10 |
| Portugal | 276 | 251 | 198 | 208 | 211 | 206 | 212 | 215 | 213 | 113 | 110 | 110 |
| Spain | 354 | 440 | 526 | 524 | 540 | 556 | 510 | 450 | 490 | 390 | 274 | 300 |
| EU-12 | 3,617 | 3,782 | 3,901 | 3,852 | 3,708 | 4,044 | 3,843 | 3,432 | 3,849 | 3,703 | 3,622 | 3,480 |
| Mixed Grain | | | | | | | | | | | | |
| Denmark | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| France | 133 | 155 | 171 | 198 | 214 | 113 | 130 | 136 | 156 | 170 | 155 | 160 |
| Germany | 18 | 27 | 22 | 20 | 18 | 18 | 18 | 21 | 198 | 240 | 274 | 270 |
| Spain | 5 | 5 | 5 | 5 | 8 | 9 | 9 | 47 | 56 | 58 | 40 | 40 |
| United Kingdom | 8 | 8 | 7 | 7 | 6 | 5 | 5 | 5 | 4 | 4 | 4 | 8 |
| EU-12 | 167 | 198 | 208 | 233 | 249 | 148 | 165 | 212 | 417 | 475 | 476 | 481 |
| Oats | | | | | | | | | | | | |
| Bel-Lux | 28 | 27 | 29 | 21 | 21 | 22 | 20 | 14 | 12 | 12 | 15 | 10 |
| Denmark | 29 | 31 | 37 | 27 | 18 | 43 | 27 | 20 | 25 | 30 | 30 | 40 |
| France | 434 | 433 | 425 | 308 | 267 | 261 | 260 | 214 | 175 | 165 | 167 | 160 |
| Germany | 892 | 830 | 875 | 768 | 708 | 724 | 561 | 473 | 380 | 358 | 360 | 400 |
| Greece | 48 | 44 | 42 | 42 | 40 | 40 | 40 | 40 | 40 | 25 | 43 | 40 |
| Ireland | 22 | 24 | 23 | 21 | 20 | 20 | 19 | 19 | 17 | 20 | 17 | 18 |
| Italy | 209 | 191 | 182 | 184 | 176 | 171 | 169 | 157 | 146 | 146 | 140 | 130 |
| Netherlands | 14 | 12 | 11 | 7 | 9 | 13 | 8 | 3 | 3 | 4 | 5 | 6 |
| Portugal | 191 | 185 | 190 | 194 | 197 | 167 | 188 | 108 | 92 | 98 | 102 | 80 |
| Spain | 454 | 479 | 459 | 394 | 353 | 335 | 345 | 350 | 323 | 296 | 330 | 340 |
| United Kingdom | 108 | 106 | 133 | 95 | 99 | 120 | 119 | 106 | 104 | 105 | 100 | 90 |
| EU-12 | 2,429 | 2,362 | 2,406 | 2,061 | 1,908 | 1,916 | 1,756 | 1,504 | 1,317 | 1,259 | 1,309 | 1,314 |

EU-12 GRAIN AREA (1,000 Hectares)

| | 83/84 | 84/85 | 85/86 | 86/87 | 87/88 | 88/89 | 89/90 | 90/91 | 91/92 | 92/93 | 93/94 | 94/95 |
|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Rye | | | | | | | | | | | | |
| Bel-Lux | 7 | 9 | 8 | 10 | 13 | 11 | 11 | 4 | 3 | 2 | 2 | 3 |
| Denmark | 77 | 122 | 127 | 120 | 136 | 81 | 101 | 110 | 80 | 88 | 76 | 80 |
| France | 97 | 96 | 84 | 74 | 75 | 75 | 75 | 65 | 60 | 52 | 50 | 50 |
| Germany | 1,169 | 1,168 | 1,127 | 1,105 | 1,078 | 997 | 1,003 | 1,055 | 711 | 615 | 660 | 740 |
| Greece | 4 | 7 | 9 | 11 | 13 | 15 | 15 | 15 | 15 | 18 | 18 | 18 |
| Italy | 11 | 9 | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Netherlands | 7 | 6 | 5 | 4 | 6 | 7 | 7 | 9 | 7 | 6 | 7 | 7 |
| Portugal | 133 | 131 | 122 | 124 | 128 | 121 | 122 | 98 | 87 | 80 | 75 | 60 |
| Spain | 217 | 231 | 211 | 221 | 222 | 222 | 227 | 202 | 197 | 185 | 171 | 170 |
| United Kingdom | 7 | 6 | 8 | 6 | 7 | 7 | 7 | 7 | 9 | 7 | 4 | 5 |
| EU-12 | 1,729 | 1,785 | 1,710 | 1,683 | 1,686 | 1,544 | 1,576 | 1,573 | 1,177 | 1,061 | 1,071 | 1,141 |
| Sorghum | | | | | | | | | | | | |
| France | 54 | 59 | 44 | 46 | 37 | 42 | 70 | 70 | 70 | 102 | 90 | 50 |
| Italy | 25 | 22 | 15 | 13 | 14 | 19 | 22 | 24 | 27 | 30 | 30 | 40 |
| Spain | 20 | 21 | 21 | 19 | 14 | 17 | 16 | 16 | 18 | 10 | 4 | 10 |
| EU-12 | 99 | 102 | 80 | 78 | 65 | 78 | 108 | 110 | 115 | 142 | 124 | 100 |
| Wheat | | | | | | | | | | | | |
| Bel-Lux | 203 | 194 | 194 | 198 | 199 | 204 | 220 | 224 | 223 | 216 | 212 | 220 |
| Denmark | 243 | 333 | 340 | 354 | 398 | 309 | 446 | 534 | 521 | 581 | 622 | 610 |
| France | 4,811 | 5,100 | 4,832 | 4,905 | 4,959 | 4,807 | 5,000 | 5,200 | 5,200 | 5,124 | 4,600 | 4,700 |
| Germany | 2,409 | 2,381 | 2,356 | 2,397 | 2,419 | 2,508 | 2,547 | 2,430 | 2,453 | 2,598 | 2,395 | 2,450 |
| Greece | 1,002 | 924 | 848 | 872 | 869 | 880 | 890 | 880 | 1,053 | 944 | 790 | 870 |
| Ireland | 59 | 78 | 78 | 76 | 57 | 60 | 62 | 72 | 86 | 91 | 77 | 71 |
| Italy | 3,328 | 3,274 | 3,034 | 3,136 | 3,087 | 2,876 | 2,943 | 2,773 | 2,683 | 2,519 | 2,400 | 2,400 |
| Netherlands | 148 | 143 | 128 | 118 | 111 | 114 | 138 | 141 | 123 | 127 | 120 | 110 |
| Portugal | 311 | 292 | 274 | 306 | 314 | 286 | 321 | 207 | 295 | 280 | 325 | 250 |
| Spain | 2,603 | 2,306 | 2,043 | 2,114 | 2,223 | 2,333 | 2,295 | 2,006 | 2,257 | 2,293 | 2,035 | 2,100 |
| United Kingdom | 1,695 | 1,939 | 1,902 | 1,997 | 1,994 | 1,886 | 2,106 | 2,050 | 1,981 | 2,060 | 1,761 | 1,800 |
| EU-12 | 16,812 | 16,964 | 16,029 | 16,473 | 16,630 | 16,263 | 16,968 | 16,517 | 16,875 | 16,833 | 15,337 | 15,581 |

TABLE 21

EU-12 GRAIN YIELD

(Metric tons per hectare)

| | 83/84 | 84/85 | 85/86 | 86/87 | 87/88 | 88/89 | 89/90 | 90/91 | 91/92 | 92/93 | 93/94 | 94/95 |
|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Barley | | | | | | | | | | | | |
| Bel-Lux | 4.58 | 6.14 | 5.53 | 5.98 | 5.27 | 5.85 | 5.65 | 5.53 | 6.44 | 5.73 | 5.43 | 5.56 |
| Denmark | 3.25 | 5.15 | 4.76 | 4.76 | 4.55 | 4.65 | 5.02 | 5.48 | 5.34 | 3.33 | 4.72 | 4.93 |
| France | 4.09 | 5.53 | 5.10 | 4.80 | 5.35 | 5.26 | 5.44 | 5.73 | 6.19 | 5.88 | 5.55 | 5.71 |
| Germany | 4.39 | 4.96 | 4.96 | 4.81 | 4.68 | 4.79 | 5.46 | 5.32 | 5.72 | 5.06 | 5.00 | 5.19 |
| Greece | 1.83 | 2.49 | 1.90 | 2.60 | 2.34 | 2.50 | 2.22 | 1.96 | 3.03 | 2.50 | 2.81 | 2.86 |
| Ireland | 4.62 | 5.67 | 4.73 | 4.73 | 5.39 | 5.15 | 5.61 | 5.60 | 5.59 | 5.94 | 5.34 | 6.09 |
| Italy | 3.07 | 3.73 | 3.48 | 3.32 | 3.84 | 3.47 | 3.49 | 3.64 | 3.80 | 3.87 | 3.44 | 3.75 |
| Netherlands | 4.78 | 5.65 | 5.05 | 6.24 | 5.24 | 4.79 | 5.02 | 5.48 | 5.67 | 6.00 | 6.25 | 6.25 |
| Portugal | 0.65 | 1.08 | 0.90 | 1.23 | 1.13 | 0.81 | 1.22 | 1.18 | 1.91 | 1.09 | 1.58 | 1.57 |
| Spain | 1.78 | 2.68 | 2.52 | 1.71 | 2.13 | 2.89 | 2.14 | 2.16 | 2.09 | 1.52 | 2.74 | 2.11 |
| United Kingdom | 4.66 | 5.59 | 4.96 | 5.22 | 5.04 | 4.55 | 4.86 | 5.17 | 5.54 | 5.61 | 5.12 | 5.45 |
| EU-12 | 3.44 | 4.40 | 4.07 | 3.77 | 3.90 | 4.15 | 4.07 | 4.12 | 4.28 | 3.79 | 4.20 | 4.02 |
| Corn | | | | | | | | | | | | |
| Bel-Lux | 7.80 | 6.63 | 7.29 | 6.63 | 6.67 | 7.71 | 7.71 | 8.00 | 7.10 | 9.89 | 8.64 | 6.50 |
| France | 6.29 | 6.00 | 6.66 | 6.14 | 7.17 | 7.31 | 7.02 | 5.94 | 7.29 | 7.98 | 8.12 | 7.65 |
| Germany | 3.27 | 4.32 | 6.83 | 5.57 | 5.64 | 6.61 | 6.77 | 5.04 | 6.84 | 7.23 | 8.06 | 7.06 |
| Greece | 9.06 | 9.71 | 8.80 | 9.56 | 9.39 | 8.11 | 9.17 | 8.95 | 8.13 | 8.53 | 9.00 | 9.00 |
| Italy | 6.76 | 6.94 | 6.89 | 7.54 | 7.50 | 7.49 | 7.91 | 7.64 | 7.26 | 6.68 | 8.48 | 8.56 |
| Netherlands | 1.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.00 | 3.00 | 5.00 | 7.88 | 20.00 | 10.00 |
| Portugal | 1.54 | 1.92 | 2.68 | 2.94 | 3.03 | 3.14 | 3.14 | 3.06 | 3.04 | 5.19 | 5.16 | 5.00 |
| Spain | 5.09 | 5.75 | 6.49 | 6.53 | 6.53 | 6.40 | 6.08 | 6.22 | 6.33 | 6.41 | 6.20 | 6.33 |
| EU-12 | 6.03 | 6.12 | 6.60 | 6.54 | 7.00 | 7.07 | 6.99 | 6.38 | 6.94 | 7.86 | 8.01 | 7.67 |
| Mixed Grain | | | | | | | | | | | | |
| Denmark | 2.33 | 2.33 | 2.67 | 2.67 | 2.67 | 2.33 | 2.33 | 2.67 | 2.33 | 2.33 | 2.33 | 2.33 |
| France | 3.08 | 4.03 | 3.92 | 3.49 | 4.35 | 3.97 | 4.31 | 4.34 | 4.62 | 4.76 | 4.52 | 4.50 |
| Germany | 2.33 | 3.63 | 3.05 | 3.50 | 2.78 | 2.78 | 2.78 | 4.29 | 5.23 | 4.77 | 5.02 | 5.19 |
| Spain | 0.80 | 1.60 | 1.40 | 1.40 | 1.25 | 1.22 | 2.37 | 2.06 | 2.95 | 2.03 | 1.19 | 2.88 |
| United Kingdom | 4.38 | 4.38 | 4.29 | 4.14 | 4.33 | 4.00 | 4.00 | 4.00 | 5.00 | 5.00 | 5.00 | 4.38 |
| EU-12 | 2.98 | 3.90 | 3.76 | 3.46 | 4.12 | 3.63 | 3.73 | 3.86 | 4.69 | 4.45 | 4.53 | 4.76 |
| Oats | | | | | | | | | | | | |
| Bel-Lux | 3.93 | 4.52 | 4.34 | 3.86 | 3.90 | 4.36 | 3.15 | 3.71 | 4.42 | 4.33 | 4.67 | 5.00 |
| Denmark | 2.97 | 4.84 | 4.11 | 4.11 | 5.22 | 4.70 | 4.63 | 6.05 | 5.00 | 3.10 | 5.00 | 5.00 |
| France | 3.17 | 4.37 | 4.24 | 3.27 | 3.91 | 3.77 | 3.73 | 3.88 | 4.23 | 4.24 | 4.19 | 4.19 |
| Germany | 3.24 | 4.40 | 4.45 | 4.27 | 4.29 | 3.83 | 3.50 | 4.31 | 4.91 | 3.67 | 4.72 | 4.13 |
| Greece | 1.13 | 1.64 | 1.48 | 1.88 | 1.55 | 1.83 | 1.55 | 1.55 | 1.75 | 1.64 | 1.63 | 1.75 |
| Ireland | 4.91 | 5.46 | 4.35 | 4.62 | 5.00 | 4.90 | 5.42 | 5.47 | 7.00 | 6.10 | 6.00 | 6.11 |
| Italy | 1.47 | 2.27 | 1.99 | 2.16 | 2.05 | 2.24 | 1.75 | 1.90 | 2.46 | 2.28 | 2.57 | 2.31 |
| Netherlands | 4.36 | 4.83 | 5.27 | 5.71 | 5.22 | 4.62 | 4.00 | 5.33 | 6.00 | 4.75 | 5.40 | 5.00 |
| Portugal | 0.52 | 1.05 | 0.63 | 0.79 | 0.79 | 0.49 | 0.69 | 0.57 | 0.83 | 0.66 | 0.81 | 0.81 |
| Spain | 1.02 | 1.65 | 1.48 | 1.10 | 1.42 | 1.60 | 1.43 | 1.46 | 1.27 | 1.08 | 1.21 | 1.32 |
| United Kingdom | 4.31 | 4.87 | 4.62 | 5.32 | 4.55 | 4.54 | 4.45 | 5.19 | 5.24 | 5.00 | 5.00 | 5.39 |
| EU-12 | 2.52 | 3.40 | 3.37 | 3.04 | 3.11 | 3.13 | 2.74 | 3.13 | 3.33 | 2.85 | 3.18 | 3.11 |

EU-12 GRAIN YIELD

(Metric tons per hectare)

| | 83/84 | 84/85 | 85/86 | 86/87 | 87/88 | 88/89 | 89/90 | 90/91 | 91/92 | 92/93 | 93/94 | 94/95 |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Rye | | | | | | | | | | | | |
| Bel-Lux | 4.00 | 4.67 | 4.13 | 5.50 | 4.31 | 5.09 | 5.09 | 3.50 | 5.00 | 4.00 | 4.00 | 4.00 |
| Denmark | 4.09 | 4.98 | 4.45 | 4.55 | 3.77 | 4.52 | 4.82 | 4.95 | 4.94 | 3.50 | 4.25 | 5.00 |
| France | 2.87 | 3.34 | 3.37 | 2.70 | 3.67 | 3.47 | 3.60 | 3.69 | 3.50 | 3.94 | 3.80 | 3.60 |
| Germany | 3.27 | 3.96 | 3.97 | 3.91 | 3.69 | 3.57 | 4.02 | 3.95 | 4.68 | 3.94 | 4.52 | 4.73 |
| Greece | 2.25 | 2.14 | 2.22 | 2.09 | 1.92 | 2.07 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.22 |
| Italy | 2.55 | 2.67 | 2.56 | 2.75 | 2.50 | 2.25 | 2.63 | 2.63 | 2.38 | 2.75 | 2.75 | 2.50 |
| Netherlands | 3.71 | 4.17 | 3.80 | 4.75 | 4.17 | 4.00 | 4.71 | 4.00 | 4.86 | 5.67 | 5.00 | 5.00 |
| Portugal | 0.70 | 0.88 | 0.80 | 0.81 | 0.84 | 0.64 | 0.80 | 0.79 | 0.92 | 0.78 | 1.00 | 1.00 |
| Spain | 1.17 | 1.36 | 1.29 | 1.00 | 1.44 | 1.61 | 1.48 | 1.32 | 1.23 | 1.24 | 1.75 | 1.47 |
| United Kingdom | 3.43 | 4.67 | 4.38 | 5.00 | 4.57 | 4.71 | 5.14 | 5.14 | 5.56 | 5.57 | 5.00 | 10.00 |
| EU-12 | 2.77 | 3.35 | 3.35 | 3.23 | 3.14 | 3.01 | 3.32 | 3.34 | 3.74 | 3.17 | 3.73 | 3.99 |
| Sorghum | | | | | | | | | | | | |
| France | 4.72 | 4.36 | 4.59 | 3.98 | 5.30 | 6.05 | 4.36 | 4.00 | 5.67 | 5.88 | 6.00 | 5.60 |
| Italy | 4.00 | 4.77 | 3.73 | 6.31 | 5.71 | 5.63 | 6.32 | 4.75 | 5.56 | 5.67 | 5.67 | 5.00 |
| Spain | 3.95 | 4.52 | 4.71 | 5.11 | 5.07 | 5.65 | 5.31 | 5.38 | 5.67 | 5.50 | 5.00 | 5.00 |
| EU-12 | 4.38 | 4.48 | 4.46 | 4.64 | 5.34 | 5.86 | 4.90 | 4.36 | 5.64 | 5.87 | 6.00 | 5.30 |
| Wheat | | | | | | | | | | | | |
| Bel-Lux | 5.23 | 6.86 | 6.21 | 6.78 | 5.60 | 6.48 | 6.72 | 6.22 | 6.87 | 6.87 | 6.97 | 6.82 |
| Denmark | 6.37 | 7.35 | 5.80 | 6.15 | 5.74 | 6.73 | 7.23 | 7.40 | 7.04 | 6.17 | 6.99 | 7.05 |
| France | 5.16 | 6.52 | 6.06 | 5.44 | 5.49 | 6.15 | 6.42 | 6.46 | 6.65 | 6.40 | 6.44 | 6.38 |
| Germany | 5.08 | 5.74 | 5.71 | 5.96 | 5.67 | 5.84 | 5.35 | 6.07 | 6.77 | 5.98 | 6.58 | 6.73 |
| Greece | 2.04 | 2.86 | 2.09 | 2.52 | 2.44 | 2.61 | 2.23 | 1.91 | 2.84 | 2.12 | 1.52 | 2.07 |
| Ireland | 6.39 | 7.50 | 5.99 | 5.25 | 6.54 | 6.95 | 7.65 | 8.35 | 7.56 | 7.44 | 6.49 | 7.46 |
| Italy | 2.56 | 3.07 | 2.79 | 2.90 | 3.04 | 2.76 | 2.52 | 2.92 | 3.51 | 3.55 | 3.29 | 3.33 |
| Netherlands | 7.05 | 7.91 | 6.65 | 7.97 | 6.93 | 7.25 | 7.59 | 7.63 | 7.67 | 8.01 | 8.33 | 8.64 |
| Portugal | 1.05 | 1.60 | 1.44 | 1.63 | 1.69 | 1.38 | 1.92 | 1.43 | 2.09 | 1.44 | 1.45 | 2.00 |
| Spain | 1.64 | 2.62 | 2.61 | 2.08 | 2.59 | 2.65 | 2.27 | 2.37 | 2.22 | 1.90 | 2.46 | 2.29 |
| United Kingdom | 6.37 | 7.71 | 6.33 | 6.97 | 5.99 | 6.23 | 6.66 | 6.83 | 7.27 | 6.80 | 7.35 | 7.22 |
| EU-12 | 4.01 | 5.13 | 4.71 | 4.63 | 4.54 | 4.82 | 4.84 | 5.13 | 5.36 | 5.04 | 5.23 | 5.26 |

TABLE 22

EU-12 GRAIN PRODUCTION

(1,000 Metric Tons)

| | 83/84 | 84/85 | 85/86 | 86/87 | 87/88 | 88/89 | 89/90 | 90/91 | 91/92 | 92/93 | 93/94 | 94/95 |
|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Barley | | | | | | | | | | | | |
| Bel-Lux | 705 | 934 | 746 | 879 | 738 | 802 | 706 | 592 | 573 | 521 | 478 | 500 |
| Denmark | 4,423 | 6,072 | 5,251 | 5,134 | 4,292 | 5,419 | 4,959 | 4,988 | 5,041 | 2,974 | 3,400 | 3,700 |
| France | 8,759 | 11,699 | 11,470 | 9,950 | 10,528 | 9,800 | 9,840 | 10,150 | 10,789 | 10,580 | 8,880 | 8,000 |
| Germany | 12,826 | 14,422 | 14,056 | 13,670 | 12,769 | 13,385 | 14,416 | 13,992 | 14,494 | 12,196 | 11,000 | 10,900 |
| Greece | 572 | 831 | 619 | 739 | 626 | 550 | 500 | 480 | 560 | 450 | 380 | 400 |
| Ireland | 1,403 | 1,666 | 1,410 | 1,338 | 1,487 | 1,370 | 1,475 | 1,328 | 1,078 | 1,129 | 946 | 1,065 |
| Italy | 1,174 | 1,618 | 1,630 | 1,543 | 1,708 | 1,561 | 1,644 | 1,702 | 1,793 | 1,741 | 1,500 | 1,500 |
| Netherlands | 177 | 192 | 197 | 262 | 262 | 302 | 251 | 219 | 238 | 204 | 250 | 250 |
| Portugal | 54 | 91 | 65 | 90 | 79 | 51 | 84 | 79 | 124 | 73 | 104 | 110 |
| Spain | 6,662 | 10,789 | 10,698 | 7,431 | 9,282 | 12,070 | 9,100 | 9,414 | 9,141 | 6,105 | 9,520 | 8,000 |
| United Kingdom | 9,980 | 11,055 | 9,740 | 10,015 | 9,225 | 8,705 | 8,070 | 7,900 | 7,700 | 7,350 | 6,040 | 6,000 |
| EU-12 | 46,735 | 59,369 | 55,882 | 51,051 | 50,996 | 54,015 | 51,045 | 50,844 | 51,531 | 43,323 | 42,498 | 40,425 |
| Corn | | | | | | | | | | | | |
| Bel-Lux | 39 | 53 | 51 | 53 | 40 | 54 | 54 | 56 | 71 | 89 | 95 | 130 |
| France | 10,400 | 10,384 | 12,367 | 11,470 | 12,454 | 14,578 | 13,400 | 9,500 | 12,928 | 14,872 | 15,100 | 13,000 |
| Germany | 935 | 1,038 | 1,218 | 1,327 | 1,252 | 1,591 | 1,633 | 1,552 | 1,937 | 2,139 | 2,660 | 2,400 |
| Greece | 1,550 | 1,990 | 1,822 | 1,921 | 2,300 | 1,850 | 1,650 | 1,450 | 1,780 | 1,450 | 900 | 900 |
| Italy | 6,669 | 6,672 | 6,357 | 6,401 | 5,762 | 6,318 | 6,359 | 5,864 | 6,238 | 7,413 | 7,900 | 7,700 |
| Netherlands | 1 | 1 | 0 | 0 | 0 | 0 | 6 | 3 | 5 | 63 | 100 | 100 |
| Portugal | 424 | 481 | 531 | 611 | 640 | 647 | 666 | 658 | 648 | 586 | 568 | 550 |
| Spain | 1,803 | 2,529 | 3,414 | 3,424 | 3,526 | 3,557 | 3,100 | 2,800 | 3,100 | 2,500 | 1,698 | 1,900 |
| EU-12 | 21,821 | 23,148 | 25,760 | 25,207 | 25,974 | 28,595 | 26,868 | 21,883 | 26,707 | 29,112 | 29,021 | 26,680 |
| Mixed Grain | | | | | | | | | | | | |
| Denmark | 7 | 7 | 8 | 8 | 8 | 7 | 7 | 8 | 7 | 7 | 7 | 7 |
| France | 409 | 624 | 671 | 692 | 931 | 449 | 560 | 590 | 720 | 833 | 710 | 720 |
| Germany | 42 | 98 | 67 | 70 | 50 | 50 | 50 | 90 | 1,035 | 1,145 | 1,405 | 1,400 |
| Spain | 4 | 8 | 7 | 7 | 10 | 11 | 199 | 97 | 165 | 118 | 51 | 115 |
| United Kingdom | 35 | 35 | 30 | 29 | 26 | 20 | 20 | 20 | 20 | 20 | 20 | 35 |
| EU-12 | 497 | 772 | 783 | 806 | 1,025 | 537 | 836 | 805 | 1,947 | 2,123 | 2,193 | 2,277 |
| Oats | | | | | | | | | | | | |
| Bel-Lux | 110 | 122 | 126 | 81 | 82 | 96 | 63 | 52 | 53 | 52 | 70 | 50 |
| Denmark | 86 | 150 | 152 | 111 | 94 | 202 | 125 | 121 | 125 | 93 | 150 | 200 |
| France | 1,374 | 1,892 | 1,803 | 1,007 | 1,045 | 984 | 970 | 830 | 740 | 700 | 700 | 670 |
| Germany | 2,989 | 3,673 | 4,024 | 3,353 | 3,043 | 2,941 | 2,010 | 2,105 | 1,867 | 1,314 | 1,700 | 1,650 |
| Greece | 54 | 72 | 62 | 79 | 62 | 73 | 62 | 62 | 70 | 41 | 70 | 70 |
| Ireland | 108 | 131 | 100 | 97 | 100 | 98 | 103 | 104 | 119 | 122 | 102 | 110 |
| Italy | 307 | 433 | 363 | 397 | 361 | 383 | 296 | 298 | 359 | 333 | 360 | 300 |
| Netherlands | 61 | 58 | 58 | 40 | 47 | 60 | 32 | 16 | 18 | 19 | 27 | 30 |
| Portugal | 99 | 195 | 119 | 153 | 155 | 81 | 130 | 62 | 76 | 65 | 83 | 65 |
| Spain | 464 | 788 | 680 | 433 | 502 | 537 | 494 | 512 | 410 | 320 | 400 | 450 |
| United Kingdom | 465 | 516 | 615 | 505 | 450 | 545 | 530 | 550 | 545 | 525 | 500 | 485 |
| EU-12 | 6,117 | 8,030 | 8,102 | 6,256 | 5,941 | 6,000 | 4,815 | 4,712 | 4,382 | 3,584 | 4,162 | 4,080 |

EU-12 GRAIN PRODUCTION

(1,000 Metric Tons)

| | 83/84 | 84/85 | 85/86 | 86/87 | 87/88 | 88/89 | 89/90 | 90/91 | 91/92 | 92/93 | 93/94 | 94/95 |
|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Rye | | | | | | | | | | | | |
| Bel-Lux | 28 | 42 | 33 | 55 | 56 | 56 | 56 | 14 | 15 | 8 | 8 | 12 |
| Denmark | 315 | 608 | 565 | 546 | 513 | 366 | 487 | 545 | 395 | 308 | 323 | 400 |
| France | 278 | 321 | 283 | 200 | 275 | 260 | 270 | 240 | 210 | 205 | 190 | 180 |
| Germany | 3,738 | 4,493 | 4,382 | 4,224 | 3,928 | 3,419 | 3,867 | 3,988 | 3,324 | 2,422 | 2,984 | 3,500 |
| Greece | 9 | 15 | 20 | 23 | 25 | 31 | 30 | 30 | 30 | 36 | 36 | 40 |
| Italy | 28 | 24 | 23 | 22 | 20 | 18 | 21 | 21 | 19 | 22 | 22 | 20 |
| Netherlands | 26 | 25 | 19 | 19 | 25 | 28 | 33 | 36 | 34 | 34 | 35 | 35 |
| Portugal | 93 | 115 | 97 | 100 | 108 | 77 | 98 | 77 | 80 | 62 | 75 | 60 |
| Spain | 253 | 315 | 273 | 220 | 320 | 357 | 336 | 267 | 242 | 230 | 300 | 250 |
| United Kingdom | 24 | 28 | 35 | 30 | 32 | 33 | 36 | 36 | 50 | 39 | 20 | 50 |
| EU-12 | 4,792 | 5,986 | 5,730 | 5,439 | 5,302 | 4,645 | 5,234 | 5,254 | 4,399 | 3,366 | 3,993 | 4,547 |
| Sorghum | | | | | | | | | | | | |
| France | 255 | 257 | 202 | 183 | 196 | 254 | 305 | 280 | 397 | 600 | 540 | 280 |
| Italy | 100 | 105 | 56 | 82 | 80 | 107 | 139 | 114 | 150 | 179 | 185 | 200 |
| Spain | 79 | 95 | 99 | 97 | 71 | 96 | 85 | 86 | 102 | 55 | 19 | 50 |
| EU-12 | 434 | 457 | 357 | 362 | 347 | 457 | 529 | 480 | 649 | 834 | 744 | 530 |
| Wheat | | | | | | | | | | | | |
| Bel-Lux | 1,062 | 1,330 | 1,204 | 1,342 | 1,114 | 1,321 | 1,478 | 1,394 | 1,533 | 1,484 | 1,477 | 1,500 |
| Denmark | 1,548 | 2,446 | 1,972 | 2,177 | 2,285 | 2,080 | 3,224 | 3,953 | 3,670 | 3,583 | 4,350 | 4,300 |
| France | 24,807 | 33,241 | 29,262 | 26,665 | 27,234 | 29,540 | 32,100 | 33,600 | 34,594 | 32,777 | 29,630 | 30,000 |
| Germany | 12,548 | 14,126 | 13,802 | 14,601 | 13,972 | 15,622 | 14,482 | 15,242 | 16,610 | 15,542 | 15,767 | 16,500 |
| Greece | 2,043 | 2,646 | 1,775 | 2,200 | 2,118 | 2,300 | 1,984 | 1,680 | 2,987 | 2,000 | 1,200 | 1,800 |
| Ireland | 377 | 585 | 467 | 399 | 373 | 417 | 474 | 601 | 650 | 677 | 500 | 530 |
| Italy | 8,514 | 10,057 | 8,461 | 9,102 | 9,381 | 7,952 | 7,413 | 8,108 | 9,416 | 8,938 | 7,900 | 8,000 |
| Netherlands | 1,043 | 1,131 | 851 | 940 | 769 | 827 | 1,047 | 1,076 | 944 | 1,017 | 1,000 | 950 |
| Portugal | 327 | 466 | 395 | 500 | 532 | 394 | 615 | 296 | 618 | 402 | 480 | 500 |
| Spain | 4,268 | 6,052 | 5,329 | 4,392 | 5,768 | 6,173 | 5,200 | 4,759 | 5,000 | 4,356 | 5,000 | 4,800 |
| United Kingdom | 10,802 | 14,957 | 12,045 | 13,910 | 11,940 | 11,750 | 14,030 | 14,000 | 14,400 | 14,000 | 12,950 | 13,000 |
| EU-12 | 67,339 | 87,037 | 75,563 | 76,228 | 75,486 | 78,376 | 82,047 | 84,709 | 90,422 | 84,776 | 80,254 | 81,880 |

CHART 1

EU-12 GRAIN AREA, 1994/95

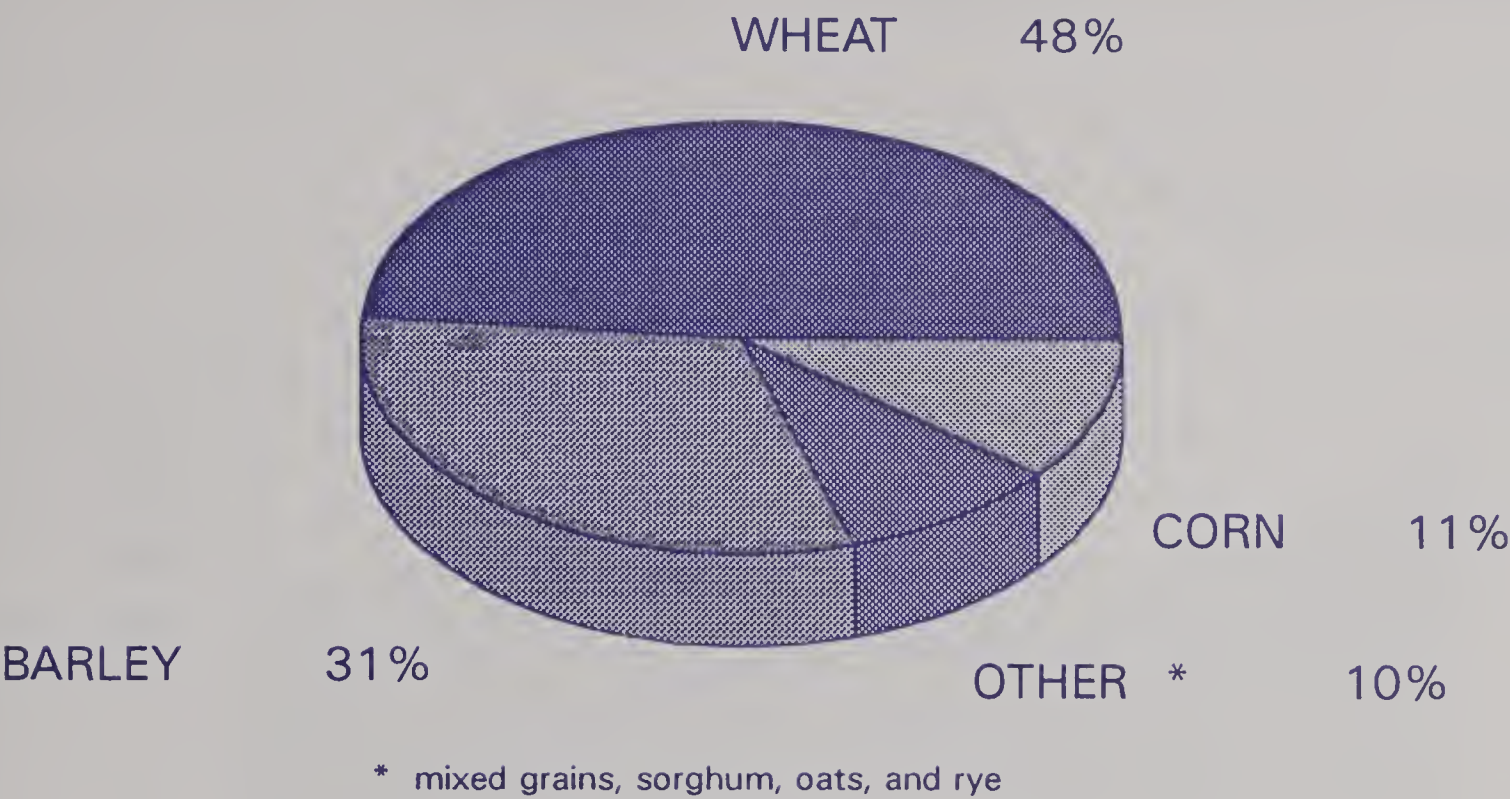
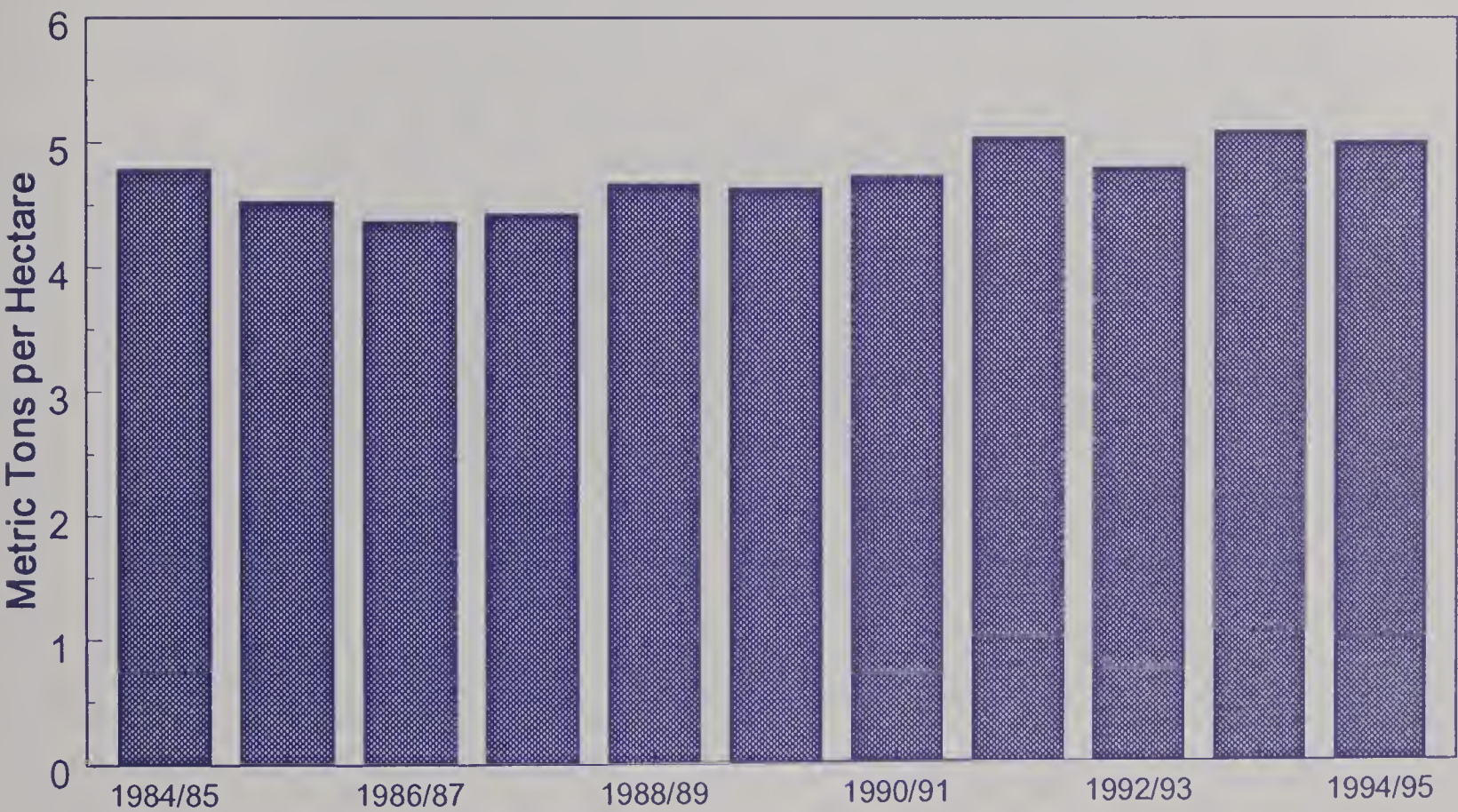


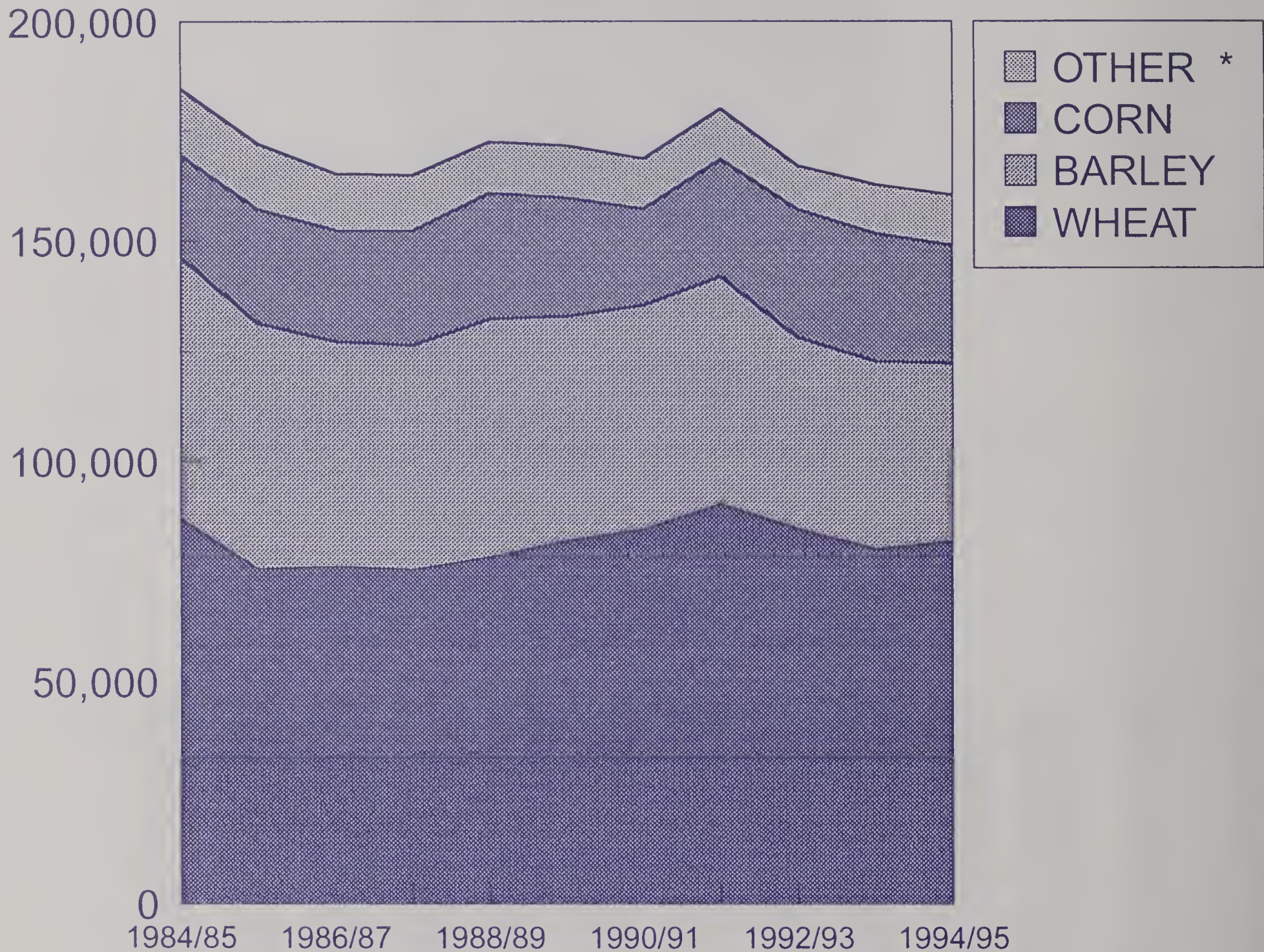
CHART 2

EU-12 TOTAL GRAIN YIELDS, 1984 - 1995



EU-12 GRAIN PRODUCTION, 1984 - 1995

Million Metric Tons



* mixed grains, sorghum, oats, and rye

HONEY PRODUCTION IN SELECTED COUNTRIES

Honey production for 1994 in the six countries surveyed is forecast at 417,500 tons, down 6 percent from 1993. With the exception of Canada, all the honey producing countries listed are reporting smaller output in 1994.

Argentina: Honey output for 1994 (harvested October 1993 through March 1994) is estimated at 45,000 tons, down 24 percent from 1993 mainly due to the disease, Loque Americana (American Foulbrood). Because this is a very destructive disease--in diseased colonies all bees eventually die--it has been a serious problem for beekeepers, especially in Buenos Aires Province. However, to date, no attempt has been made by the Government or the industry to quantify the losses.

The average honey yield for 1994 is estimated at 60.0 kilograms per hive in Buenos Aires and Santa Fe Provinces and 45.0 to 50.0 kilograms per hive for Entre Rios and Cordoba Provinces. The country average is estimated at 45.0 kilograms per hive.

Canada: Honey production for 1994 is forecast at 33,000 tons, up 7 percent from a year ago. The honey producing regions of Canada have experienced variable weather patterns this season. The weather in spring and early-summer was more conducive to honey production in western Canada than in central and eastern Canada.

At the beginning of the season, western Canada had an excellent honey crop potential due to record area seeded to canola.

However, conditions were less than ideal for bee activity during the canola bloom. Nevertheless, current assessments indicate that honey production in western Canadian will be up over last year; just how much higher will depend upon the conditions during the latter part of the honey season.

In contrast, the onset of the spring and early-summer period was late in central Canada and the weather wet and cool. The bloom in many fruit orchards was reduced because of the harsh winter. Bee activity was impeded by near-record rainfall during June and frequent wet, stormy periods throughout July. Consequently,

production prospects in central Canada are below last year, but may improve somewhat if the late-season weather is dry and sunny.

Although the Maritime region is a minor producer of honey, production prospects for 1994 appear favorable because there were ample hot, sunny days.

The number of honeybee colonies began declining in the late-1980's due to low honey prices and the ban on imports of live bees from the United States. Since that time, renewed interest in bee breeding and improved profitability because of higher honey prices have stabilized colony numbers at 500,000. A small increase in colony numbers is anticipated in 1994.

Canada has operated a national tripartite income stabilization plan for honey producers since 1988. The voluntary plan is funded equally by the Federal Government, participating Provincial Governments, and producer premiums. Payouts are triggered when the national average market price for honey falls below a calculated support price level. Producer enthusiasm for the program is waning because there have been no payouts since 1989 and the fund is in surplus. The tripartite stabilization scheme is expected to be terminated soon and the income safety net for producers rolled into the Government's "whole farm" Net Income Stabilization Account.

China: Honey output by the world's largest producer is forecast at 170,000 tons, down 3 percent or 6,000 tons from 1993, primarily because of the continuing decline in colony numbers. Colony downsizing should be completed by the end of 1994. Production will likely increase in 1995 as improvements in hive management begin to compensate for the reduction in total colony numbers and 1994 procurement prices remain reasonable despite strong domestic demand.

The life of an itinerant beekeeper has become increasingly difficult and is the major reason for the decline in colony numbers. Farmers previously welcomed beekeepers, but they are increasingly looked down upon and often have difficulty finding places to set up their hives. Consequently, the Ministry of Agriculture is encouraging the

establishment of stationary honey production bases. The State has invested in bases in northeast and central China which will provide technical training to beekeepers as well as minimize the transportation costs associated with migratory colonies.

With 50 percent of honey production entering the export market and bee colony numbers declining, domestic supply is well below demand. Nevertheless, the reduction in bee colony numbers is seen as an appropriate measure to increase producer prices and stimulate production. Already procurement prices have risen by as much as 12 percent compared with the same period of 1993.

Germany: Honey production for 1994 is forecast at 23,000 tons, down 13 percent from 1993. Colonies were in weak condition following the winter rest. Preliminary assessments indicate that queen bees were weak in late-summer and did not fly high enough during the mating flight, thereby allowing weaker drones to mate. As a consequence, worker bees were generally weaker than normal. In addition, unexpected and inexplicable queen bee losses resulted in colony losses of 30 to 50 percent in some regions. Currently, colonies appear strong and conditions during mating flights are good. However, the next months are crucial. If temperatures remain too high, it will be difficult for colonies to protect the brood from Varroa mites before wintering. A Varroa mite-infested brood at wintering results in weak colonies in the spring.

Germany's primary floral sources for honey are rapeseed and fruit trees. To date, the condition of the fruit crops has been good. However, there were some problems with rapeseed as rainy spring weather retarded blossoming and/or decayed the blossoms. Additionally, the black locust honey flow at the end of May was a complete loss due to bad weather.

Because of strong competition from low-priced imports and the ongoing difficulties of marketing domestic honey, the total number of apiarists dropped from 109,701 in 1991, to 107,060 in 1992, and 104,638 by the end of 1993. The number of colonies declined from 1,214,702 in 1991, to 1,179,719 in 1992, to 1,109,775 in 1993.

Mexico: Honey production for 1994 is forecast at 46,500 tons, down 3 percent from a year ago. The decline is a result of the growing presence of Africanized bees, bee diseases, and dry weather in Yucatan, the main honey producing state. The production estimate for 1993 has been revised downward, to 48,000 tons, due to the adverse effect the Africanized bees. However, the situation was not as critical in Mexico as in some other countries, where production has almost disappeared. This is because producers, together with the Secretariat of Agriculture, began implementing measures in the mid-1980's to control the impact of the Africanized bees. These measures include changing queen bees at least once a year, using protective clothing, and adding additional labor so hives receive better care.

The source flowers vary widely throughout Mexico and contribute to several subtle flavors of honey. Citrus fruit is the predominate flowering source in the states of Nuevo Leon, Tamaulipas, and Veracruz, but there are a wide variety of source flowers in the Yucatan and other honey producing states.

As a result of dry weather, yields are forecast to decrease from 22.3 kilograms per hive in 1993 to 22.1 kilograms per hive in 1994. Most beekeepers have been able to modernize operations and implement adequate cultural practices. However, since mid-1993, outbreaks of Varroa Jacobsini have been recorded in 24 Mexican states, mainly in central and southern Mexico. This disease has negatively affected production and yields, but to a lesser degree than the Africanized bee. Although beekeepers routinely apply curative veterinary drugs to infested hives, many have had to be destroyed. The Government has provided a limited number of bees, without charge, to repopulate diseased colonies.

United States: The first estimate of U.S. honey production for 1994 will be based on an objective survey scheduled for release in February 1995. However, given the weather patterns this season, it is likely that production in 1994 will be down slightly.

Franklin Hokana, (202) 720-0875

TABLE 23

HONEY PRODUCTION IN SELECTED COUNTRIES (Metric tons)

| | 1990 | 1991 | 1992 | 1993 | 1994 |
|---------------|----------------|----------------|----------------|----------------|----------------|
| Argentina | 47,000 | 54,000 | 61,000 | 59,000 | 45,000 |
| Canada | 32,115 | 31,606 | 30,339 | 30,901 | 33,000 |
| China | 193,000 | 206,000 | 178,000 | 176,000 | 170,000 |
| Germany 1/ | 23,000 | 25,000 | 24,677 | 26,357 | 23,000 |
| Mexico | 51,000 | 58,770 | 48,852 | 48,000 | 46,500 |
| United States | 89,717 | 99,414 | 100,055 | 104,493 | 100,000 2/ |
| TOTAL | 435,832 | 474,790 | 442,923 | 444,751 | 417,500 |

1/ Beginning with 1991, the estimates for (Germany) are for Unified Germany; the estimates for 1990 and earlier years reflect production for West Germany only. Official sources estimate 1990 East German honey output at 9,000 tons.

2/ First estimate based on objective survey is expected to be released in February 1995.

BRAZILIAN AGRICULTURAL PROGRAM ANNOUNCED FOR 1994/95

On August 10, 1994, the Brazilian Government announced its 1994/95 Agricultural Program for summer crops--rice, corn, cotton, soybeans, sorghum, and dry edible beans. According to the U.S. agricultural counselor in Brasilia, changes in this year's plan include: reduced interest rates, variations in the application of the Reference Index (TR - an index set monthly for inflation adjustments), the inclusion of soybeans under the minimum support price program, and a greater use of the product equivalency concept for farm loans. The plan also proposes an increase in the import duty on cotton from 0 to 6 percent. As a result of the program changes, the Government expects a 6.4-percent increase in the area planted to major summer crops, resulting in a 10-percent increase in production. Many farmers and farm organizations reacted negatively to the new measures because of the high cost of borrowing for production and marketing.

The major measures included in the 1994/95 Agricultural Program are as follows:

- o Credits totaling R\$5.65 billion (US\$ 6.3 billion equivalent), mostly from government banks, will be made available for production and marketing loans. The private banks share is expected to be US\$2.2 billion. The total for the 1994/95 crop is practically unchanged from the 1993/94 season when farmers actually borrowed 56 percent of the amount designated (R\$ 5.6 billion).
- o Mini-producers (annual gross income from farm activities between US\$1,111 to \$6,667) will be able to obtain financing at a fixed interest rate of 6 percent per year without adjustment by the TR index. During the 1993/94 crop year, the financing cost was 6 percent interest, plus the full TR.
- o Small producers (annual gross income between US\$6,667 to \$20,000) will be able to obtain financing at 6 percent per year, with the principal subject to a TR adjustment of 50 percent. During the 1993/94 crop year, the financing cost was 9 percent interest, plus the full TR.
- o Other producer's (annual gross income above US\$20,000) loans will be 11 percent per year, with the principal subject to full adjustment by the TR index. Last season, the financing cost was 12.5 percent plus the full TR.
- o Loans to sugar producers will have an interest rate of 11.5 percent per year, with the principal subject to the TR. This is a 1-percent reduction in the interest rate from last season.
- o The Government reintroduced the minimum support price for soybeans at R\$8.50 per 60 kilo bag (US\$7.14 per 100 lbs) for the South - Southeast and R\$7.32 per bag (US\$6.15 per 100 lbs) for the Central - West).
- o The minimum support price for cotton will increase 10 percent in December 1994. The July 1994 minimum for seed cotton is R\$5.36 per 15 kilograms (US\$0.184 per pound). The minimum support prices for rice, corn, and dry edible beans were not changed, but are subject to change in February 1995. The current minimum price for corn is R\$6.32 per 60 kilo bag (US\$7.02 per 60 kilo bag), irrigated rice is R\$10.02 per 50 kilo bag (US\$11.13 per 50 kilo bag), and dry edible beans is R\$22.50 per 60 kilo bag (US\$25.00 per 60 kilo bag).
- o Farm limits for production loans (VBC) were set at R\$240,000 (US\$267,000) per crop. Additionally, the Government guarantees product equivalency in the financing of the crops covered under the VBC program. This means that banks would establish financing based on the value of the crop. For example, if a producer takes out a loan for rice with the value at the time of borrowing equivalent to 100 bags of rice, when the loan matures, the producer will pay off the loan in the currency equivalent of 100 bags.
- o The Trigger Release Prices of government-held stocks for rice and corn were increased 15 percent above a moving average market price during the last 60 months.

- o The Ministry of Finance will raise the import tariff for cotton from 0 to 6 percent. Although not yet published by the Government of Brazil, trade sources indicate that this decision will be effective January 1, 1995.
- o The Ministry of Finance will reduce the import tariff for several types of fertilizers.

According to the U.S. agricultural counselor in Brasilia, most agricultural producers associations noted their disappointment with the credit package since their main goal was to eliminate the TR for adjusting loans. In fact, some farm leaders say that these measures represent a retreat in the modernization of agricultural policy instruments and will lead to more government intervention in the farm sector. Government officials, including the Minister of Agriculture and the Minister of Finance, indicate that this credit package is the best program they could devise given the current government budget constraints and economic conditions that the Government and private financial institutions face.

Total government outlays needed to support the credit package during 1994/1995 will likely reach US\$600 million to US\$1.0 billion. It should be noted that the Government has outstanding obligations of about \$400 million from price support activities of two earlier crop years (1991/92 and 1992/93), and obligations for the 1993/94 program. Also, Brazilian farm leaders criticized the current strength of the Real against the dollar, which combined with lower international commodity prices will likely affect Brazilian exports of major crops, such as soybeans. In fact, soybean farmers may reduce the area planted for the next crop year as the support price is not a sufficient stimulant, particularly in light of weakening international prices and the high cost of borrowing money by large farm operations.

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